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DIVISION OF WATER RESOURCES
EDWARD HYATT, STATE ENGINEER

BULLETIN NO. 39--B

SOUTH COASTAL BASIN INVESTIGATION

RECORDS OF
GROUND WATER LEVELS AT WELLS
FOR THE YEAR 1933

PRECIPITATION RECORDS
FOR THE SEASON 1932-33

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FOREWORD

The well records here given are a continuation of those published in Bulletins No. 30 and 30-A. Descriptive data for each of the wells and maps showing their locations are given in Bulletin No. 30. A few new wells are included and the descriptive data in the case of these wells are included in this bulletin. These include a few which are not plotted on Bulletin No. 30 maps.

The earthquake on March 10, 1933, caused an abrupt fluctuation in the water table in the pressure area of the Coastal Plain.

The precipitation records here given are a continuation of those published in Bulletin No. 30-A in which bulletin is a map showing location of stations listed in 1932. Several additional stations and older records have also been added. The totals are for the season July 1st to June 30th. There is a tendency on the part of the observers to neglect the minor storms, particularly those occurring at the beginning and at the end of the season. Through inspection of the records at nearby stations, the amount of precipitation so neglected has been estimated. This amount has been added to the recorded precipitation and an asterisk indicates where such a change has been made.

Records of daily precipitation for most of the stations included herein are available in the office of the Division of Water Resources. Prints of these can be obtained.

Cooperation of the agencies through which the records have been made available is appreciated. Proper credit is given in the tabulation of data for each well and in the table showing precipitation station data.

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in District "A"

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|---------|----------------------------------|-------------|---------|----------------------------------|
| | | Feet | | | Feet |
| | 1933 | | | 1934 | |
| A-4c-B-6 | Dec. 20 | 19.9 | A-10-E-3 | Jan. 11 | 15.8 |
| | 1934 | | cont. | Jan. 23 | 15.4 |
| | Jan. 22 | 15.6 | | 1933 | |
| A-4e-B-6 | Jan. 22 | 40.0 | A-11-D-3 | Jan. 6 | 125.0 |
| | 1933 | | | Feb. 4 | 123.8 |
| A-5a-C-2 | Jan. 6 | 13.8 | | Mar. 3 | 122.0 |
| | Feb. 4 | 10.7 | | Apr. 10 | 122.6 |
| | Apr. 10 | 10.5 | | May 3 | 123.6 |
| | May 3 | 10.5 | | June 5 | 124.1 |
| | June 5 | 10.2 | | July 13 | 124.4 |
| | July 7 | 11.0 | | Aug. 19 | 124.7 |
| | July 21 | 11.8 | | Sep. 15 | 124.4 |
| | Aug. 4 | 11.3 | | Oct. 19 | 125.8 |
| | Aug. 31 | 11.5 | | Nov. 20 | 125.2 |
| | Oct. 13 | 12.4 | | Dec. 26 | 123.6 |
| | Nov. 20 | 12.8 | | 1934 | |
| | Dec. 26 | 13.0 | | Jan. 11 | 123.2 |
| | 1934 | | | Jan. 23 | 123.3 |
| | Jan. 11 | 11.3 | | 1933 | |
| | Jan. 23 | 8.4 | A-12-D-3 | Apr. 27 | 43.7 |
| | 1933 | | | Dec. 26 | 43.5 |
| A-9-D-3 | Apr. 27 | 87.9 | A-13-D-3 | Jan. 6 | 40.2 |
| | Dec. 26 | 84.5 | | Feb. 4 | 40.3 |
| A-10-E-3 | Jan. 6 | 16.0 | | Mar. 3 | 40.0 |
| | Feb. 4 | 15.4 | | Apr. 10 | 41.0 |
| | Mar. 3 | 14.3 | | May 3 | 41.4 |
| | Apr. 10 | 14.7 | | June 5 | 41.0 |
| | May 3 | 14.9 | | Aug. 15 | 42.6 |
| | June 5 | 15.1 | | Oct. 13 | 42.3 |
| | July 13 | 15.4 | | Nov. 20 | 42.1 |
| | Aug. 10 | 15.8 | | Dec. 7 | 41.7 |
| | Sep. 15 | 16.2 | | 1934 | |
| | Oct. 19 | 16.2 | | Jan. 11 | 41.2 |
| | Nov. 20 | 16.1 | | Jan. 23 | 41.3 |
| | Dec. 26 | 16.2 | | | |

Measurements from Los Angeles County Flood Control District.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | | |
|-------------|---------|----------------------------------|-------|-------------|----------|----------------------------------|-------|-------|
| | | <u>Feet</u> | | | | <u>Feet</u> | | |
| 1933 | | | | 1933 | | | | |
| A-14-D-4 | Apr. 27 | | 116.3 | A-31-D-6 | Jan. 6 | | 248.0 | |
| | Dec. 26 | | 105.5 | | Feb. 10 | | 246.2 | |
| A-15-D-4 | Apr. 18 | a | 18.6 | | Mar. 3 | | | 250.3 |
| | July 19 | a | 18.7 | | Apr. 10 | | | 258.5 |
| | Aug. 15 | | 19.0 | Apr. 30 | | | 248.5 | |
| | Dec. 19 | a | 19.7 | A-31a-D-6 | Apr. 27 | | 180.6 | |
| | Dec. 27 | | 19.5 | | A-35-D-6 | Apr. 27 | | 230.8 |
| A-18a-D-4 | Apr. 27 | | 156.2 | | | 1934 | | |
| | Aug. 15 | | 155.1 | Jan. 23 | | | 232.2 | |
| | Dec. 27 | | 154.8 | 1933 | | | | |
| 1932 | | | | A-37-C-7 | Apr. 25 | | 180.8 | |
| A-22-D-5 | Dec. | | 209.8 | A-38-C-7 | Apr. 25 | | 80.5 | |
| 1933 | | | | | Dec. 22 | | 81.3 | |
| | Apr. 21 | | 204.6 | 1934 | | | | |
| | Dec. 23 | | 203.8 | Jan. 22 | | | 80.1 | |
| A-24-B-5 | Apr. 21 | | 29.0 | 1933 | | | | |
| A-24a-C-5 | Apr. 21 | | 3.8 | A-40-E-7 | Mar. 28 | a | 127.7 | |
| A-24b-C-5 | Apr. 21 | | 20.5 | | June 27 | a | 125.7 | |
| A-26-D-5 | Apr. 27 | | 223.6 | | Dec. 26 | a | 129.1 | |
| | Dec. 22 | | 223.1 | 1934 | | | | |
| A-26a-D-5 | Apr. 21 | | 163.1 | Jan. 2 | a | | 130.0 | |
| | Dec. 20 | | 162.3 | 1933 | | | | |
| A-27-D-5 | Apr. 21 | | 136.2 | A-41-C-7 | Apr. 25 | | 32.4 | |
| | Oct. 4 | | 135.3 | | Dec. 20 | | 34.3 | |
| | Dec. 20 | | 134.7 | A-42-D-7 | Apr. 25 | | 74.1 | |
| A-27a-D-5 | Oct. 4 | | 134.6 | A-44-C-7 | Apr. 25 | | 39.1 | |
| A-28b-B-6 | Dec. 20 | | 14.0 | | Dec. 20 | | 42.4 | |

Measurements from Los Angeles Department of Water and Power.
Measurements from Los Angeles County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|---------|---|-------------|------------|---|
| | 1933 | | | 1933 | |
| A-48-C-8 | Apr. 25 | 49.2 | A-52d-D-9 | May 19 | 145.1 |
| | Dec. 20 | 51.1 | | 1934 | |
| A-48j-C-8 | Jan. 6 | 3.5 | | Jan. 25 | 145.2 |
| | Feb. 4 | 2.7 | | 1933 | |
| | Mar. 3 | 3.0 | | | |
| | Apr. 10 | 3.7 | | | |
| A-50-D-9 | May 17 | 232.8 | A-53-D-10 | May 17 | 106.2 |
| A-50b-D-9 | May 17 | 162.5 | | 1934 | |
| | 1934 | | | Jan. 25 | 105.4 |
| | Jan. 25 | 163.8 | | 1933 | |
| | 1933 | | A-54-D-10 | May 17 a | 132.2 |
| A-51-D-9 | May 17 | 248.8 | A-54c-D-10 | May 17 | 197.1 |
| | 1934 | | A-54d-D-10 | May 19 | 243.6 |
| | Jan. 25 | 248.4 | A-54e-D-10 | May 19 | 51.8 |
| | 1933 | | A-55-E-10 | See page 8 | |
| A-51d-D-9 | May 7 | 132.4 | A-56-E-2 | Apr. 20 | 41.3 |
| | 1934 | | A-56d-E-2 | Apr. 20 | 27.6 |
| | Jan. 27 | 128.3 | | 1932 | |
| | 1933 | | A-58-E-2 | Dec. 28 | 25.7 |
| A-52-D-9 | Mar. 26 | 71.0 | | 1933 | |
| | May 14 | 74.0 | | Jan. 10 b | 25.9 |
| | Dec. 31 | 74.0 | | Feb. 9 | 24.2 |
| A-52c-D-9 | May 17 | 33.8 | | Apr. 4 b | 27.6 |
| | 1934 | | | Apr. 20 | 24.0 |
| | Jan. 25 | 22.9 | | May 25 | 24.3 |
| | | | | Aug. 15 b | 25.0 |
| | | | | Dec. 12 b | 25.7 |

a Measurement from Pasadena Water Department.

b Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|---------|----------------------------------|------|-------------|---------|----------------------------------|-------|
| | | <u>Feet</u> | | | | <u>Feet</u> | |
| 1933 | | | | 1933 | | | |
| A-58a-E-2 | Apr. 20 | | 32.5 | A-77-F-6 | Apr. 18 | | 23.7 |
| | | | | | Nov. 16 | | 23.4 |
| A-58d-E-3 | Apr. 20 | | 10.9 | A-77b-E-6 | Jan. 6 | | 44.3 |
| A-60-E-3 | Apr. 24 | | 12.3 | | Apr. 24 | | 42.4 |
| | | | | | Nov. 16 | | 41.7 |
| A-60a-E-3 | Apr. 24 | | 11.1 | A-77c-F-6 | Apr. 24 | | 17.1 |
| | | | | | Nov. 16 | | 18.6 |
| A-62a-E-3 | Jan. 10 | a | 12.5 | A-78d-E-6 | Apr. 17 | | 74.0 |
| | Mar. 14 | a | 9.8 | | May 26 | | 72.5 |
| | Aug. 15 | a | 13.8 | | Dec. 11 | | 76.5 |
| | Dec. 12 | a | 14.8 | | | | |
| A-64-E-4 | Apr. 24 | | 9.9 | A-80-E-6 | Apr. 7 | | 68.1 |
| A-66b-E-4 | Apr. 24 | | 13.5 | | Nov. 14 | | 68.8 |
| A-68-E-4 | Mar. 7 | a | 13.0 | A-81d-E-6 | Apr. 24 | | 40.2 |
| | Apr. 24 | | 13.3 | A-82-F-6 | Apr. 14 | | 35.3 |
| | Aug. 9 | a | 14.2 | | Nov. 16 | | 34.5 |
| | Dec. 5 | a | 14.5 | | | | |
| A-71a-E-5 | May 25 | | 13.3 | A-84-E-7 | Apr. 18 | | 50.0 |
| | | | | | Nov. 10 | | 47.6 |
| *A-72-E-5 | Jan. 17 | | 63.5 | A-85c-F-7 | Feb. 16 | | 4.1 |
| | Feb. 14 | | 63.6 | | Apr. 7 | | 4.1 |
| | Mar. 28 | | 63.5 | | May 25 | | 2.6 |
| | Apr. 18 | | 64.6 | | Aug. 17 | | 2.8 |
| | | | | | Nov. 2 | | 2.8 |
| A-74-E-5 | Apr. 18 | | 79.1 | | | | |
| *A-75-F-6 | Apr. 17 | a | 17.4 | A-85e-F-7 | Apr. 7 | | 24.4 |
| | Apr. 26 | | 17.6 | | Nov. 12 | | 23.4 |
| | Aug. 18 | a | 18.9 | A-85f-F-7 | Apr. 7 | | 29.8 |
| | Dec. 14 | a | 17.0 | | Nov. 2 | | 28.2 |
| 1934 | | | | A-86-E-7 | Apr. 5 | | 67.7 |
| | Jan. 17 | a | 14.1 | | Dec. 6 | | 65.1 |
| 1933 | | | | A-86f-E-7 | Jan. 6 | | 103.1 |
| A-76-E-6 | Jan. 13 | | 66.4 | | Feb. 4 | | 103.2 |
| | Apr. 18 | | 62.6 | | Mar. 3 | | 102. |
| | Dec. 11 | | 62.9 | | Apr. 7 | | 101.4 |
| | | | | | May 5 | | 101.7 |

*Ref. pt. is top of timbers, 0.8 foot above floor and ground. Elev. 733.4.

**Beginning Aug. 18, 1933, ref. pt. is 2.2 feet lower. Elev. 657.9.

a Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|--------------------|---------|---|-------------|---------|---|
| | | | | | |
| | 1933 | | | 1933 | |
| A-86f-E-7 cont. | June 2 | 99.6 | A-91-F-8 | Jan. 6 | 24.3 |
| | July 13 | 99.7 | | Feb. 4 | 23.2 |
| | Aug. 4 | 99.2 | | Mar. 3 | 23.4 |
| | Sep. 1 | 99.2 | | Apr. 7 | 23.4 |
| | Oct. 6 | 98.3 | | May 4 | 23.4 |
| | Nov. 10 | 98.0 | | June 2 | 23.6 |
| | Dec. 29 | 98.1 | | July 13 | 23.8 |
| | | | | Aug. 4 | 23.9 |
| | 1934 | | | Sep. 1 | 24.0 |
| | Jan. 19 | 98.0 | | Oct. 6 | 23.8 |
| | Jan. 26 | 98.9 | | Nov. 9 | 23.4 |
| | | | | Dec. 29 | 23.2 |
| | 1933 | | | 1934 | |
| A-87-E-7 | Apr. 5 | 34.0 | | Jan. 19 | 22.5 |
| | Dec. 6 | 31.8 | | Jan. 26 | 22.6 |
| A-87c-E-7 | Apr. 17 | 32.3 | | 1933 | |
| | Aug. 18 | 31.7 | | | |
| | Nov. 14 | 30.7 | A-93-E-8 | Apr. 12 | 25.6 |
| A-88-F-8 | Apr. 5 | 20.6 | | Dec. 28 | 25.8 |
| | Dec. 6 | 20.3 | A-93g-F-8 | Apr. 5 | 24.4 |
| A-88b-F-7 | Apr. 5 | 15.1 | | Apr. 5 | 26.2 |
| | Apr. 17 | 15.0 | A-93L-E-8 | Nov. 16 | 25.7 |
| | May 4 | 15.3 | | | |
| | June 8 | 15.4 | A-95-E-8 | Mar. 6 | 25.6 |
| | Aug. 17 | 15.6 | | Apr. 11 | 26.3 |
| | Nov. 14 | 14.3 | A-98-E-10 | Apr. 1 | 75.4 |
| | 1934 | | | | |
| | Jan. 26 | 13.1 | A-98a-F-10 | Feb. 17 | 36.0 |
| | 1933 | | | Apr. 19 | 34.7 |
| A-89b-E-8 | Apr. 5 | 56.6 | | May 17 | 34.4 |
| | Dec. 6 | 53.7 | | June 16 | 35.2 |
| A-89d-E-8 | Apr. 5 | 49.6 | | July 13 | 38.2 |
| | Dec. 6 | 46.3 | | Aug. 25 | 38.9 |
| A-90-E-8 | Apr. 5 | 20.4 | | Oct. 13 | 40.5 |
| | Dec. 6 | 18.8 | | Nov. 10 | 38.3 |
| | | | A-99-G-10 | Jan. 16 | 4.6 |
| | | | | Mar. 6 | 2.9 |
| | | | | Apr. 11 | 3.3 |
| | | | | Nov. 7 | 3.4 |

Measurements from Los Angeles County Flood Control District.

A-55-E-10, RAMON URQUIDEZ. Map 1.

Log available

Location and Description--0.57 mile northwest of Verdugo Blvd. (Ocean View) along La Crescenta Ave., 30 feet south of La Crescenta Ave. North of Glendale.

Reference point--Top of casing, 0.3 foot above ground.

Elevation of reference point--1148.7 from levels by L.A. Co. F.C.D.

Use--Not used.

Depth of well--116 feet

Diameter of casing--12 inches.

Other numbers used--L.A. Co. F.C.D. No. 5069.

| Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|---------|---|---------|---|---------|---|
| 1931 | | 1933 | | 1934 | |
| July 23 | 105.3 | Jan. 6 | 107.5 | Jan. 6 | bc 100.9 |
| | | Feb. 4 | 96.5 | Jan. 8 | bc 99.8 |
| 1932 | | Mar. 3 | 99.1 | Jan. 11 | hc 99.4 |
| Jan. 6 | ab 104.0 | Apr. 7 | 100.6 | Jan. 19 | 101.5 |
| Mar. 16 | 93.6 | May 5 | 102.3 | Jan. 25 | 100.0 |
| May 7 | 97.4 | June 2 | 103.6 | Feb. 15 | c 100.6 |
| June 11 | 99.0 | July 13 | 103.5 | | |
| July 9 | 99.9 | Aug. 18 | 104.8 | | |
| July 29 | 108.2 | Sep. 15 | 106.1 | | |
| Aug. 6 | 101.7 | Oct. 13 | 107.0 | | |
| Aug. 19 | 108.8 | Nov. 10 | 108.0 | | |
| Sept. 2 | 103.4 | Dec. 8 | 108.2 | | |
| Oct. 7 | 105.8 | Dec. 29 | 105.9 | | |
| Nov. 4 | 106.3 | | | | |
| Nov. 10 | 105.7 | | | | |
| Nov. 25 | 106.9 | | | | |
| Dec. 2 | 106.6 | | | | |

a Measurement from Pasadena Water Department.

b Electric tape.

c Measurement from Division of Water Resources.

Measurements from Los Angeles County Flood Control District except as noted.

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in District "B"

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|----------|---|-------------------|---------|---|
| 1933 | | | 1933 | | |
| B-2-I-5 | Apr. 12 | 104.0 | B-15-I-8 cont. | Jan. 11 | 48.3 |
| B-4-H-5 | Apr. 17 | 20.6 | | Feb. 8 | 47.1 |
| B-5-I-5 | Apr. 20 | 39.6 | | Mar. 29 | 45.4 |
| | Nov. 27 | 26.4 | | Apr. 12 | 47.3 |
| B-5c-I-5 | Apr. 20 | 41.2 | | May 17 | 48.3 |
| B-6c-H-6 | Apr. 25 | 57.9 | | June 22 | 48.9 |
| B-6d-H-6 | Apr. 20 | 99.8 | | July 20 | 50.4 |
| B-7d-I-6 | Apr. 20 | 158.1 | | Aug. 10 | 50.6 |
| B-9a-I-6 | Apr. 20 | 117.0 | | Sep. 15 | 50.7 |
| B-10p-I-6 | Jan. 11 | 62.7 | | Dec. 1 | 51.6 |
| | Feb. 1 | 61.9 | | Dec. 26 | 51.3 |
| | Mar. 22 | 63.1 | 1934 | | |
| | Apr. 19 | 63.4 | | Jan. 12 | 49.1 |
| | May 24 | 63.8 | | Feb. 2 | 51.9 |
| | June 22 | 64.6 | 1933 | | |
| | July 20 | 64.2 | B-15a-I-8 | Apr. 17 | 83.4 |
| | Aug. 17 | 64.3 | B-18-H-9 | Apr. 17 | 125.0 |
| | Sept. 15 | 64.4 | B-18a-H-9 | Apr. 24 | 123.4 |
| | Dec. 1 | 63.0 | 1932 | | |
| | Dec. 26 | 62.8 | B-19b-I-9 | Nov. 30 | 136.0 |
| 1934 | | | | Dec. 15 | 136.0 |
| | Jan. 10 | 64.3 | 1933 | | |
| | Feb. 2 | 63.6 | | Jan. 18 | 135.4 |
| 1933 | | | | Feb. 15 | 135.3 |
| B-12-H-7 | Apr. 20 | 54.8 | | Mar. 22 | 135.1 |
| B-12a-I-7 | Apr. 20 | 36.0 | | Apr. 19 | 135.5 |
| B-13-I-6 | Apr. 24 | 30.6 | | May 10 | 135.6 |
| B-14d-G-8 | Apr. 17 | 47.2 | | June 8 | 135.9 |
| 1932 | | | | July 6 | 136.7 |
| B-15-I-8 | Nov. 30 | 49.4 | | Aug. 10 | 137.4 |
| | Dec. 28 | 49.2 | | Sep. 15 | 137.3 |
| | | | | Dec. 28 | 138.2 |
| | | | 1934 | | |
| | | | | Jan. 10 | 137.4 |
| | | | | Feb. 2 | 137.2 |

Measurements from Los Angeles County Flood Control District.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|---------|----------------------------------|-------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| B-19d-I-9 | Apr. 17 | 129.2 | B-37-L-7 | Apr. 29 | 153.0 |
| B-21a-H-10 | Apr. 24 | 97.9 | B-41i-K-8 | Mar. 16 | 62.8 |
| | | | | Apr. 27 | 63.0 |
| | 1932 | | B-44-K-8 | Apr. 27 | 83.9 |
| B-23-I-5 | Aug. 10 | 33.0 | | 1932 | |
| | Sep. 6 | 32.9 | | | |
| | Oct. 5 | 33.7 | B-44c-K-8 | Nov. 30 | 61.7 |
| | Nov. 3 | 32.7 | | Dec. 28 | 59.4 |
| | Dec. 7 | 32.9 | | | |
| | 1933 | | | 1933 | |
| | Jan. 4 | 33.2 | | Jan. 4 | 59.1 |
| | Feb. 1 | 32.7 | | Feb. 1 | 58.0 |
| | Mar. 1 | 31.0 | | Mar. 1 | 60.4 |
| | Apr. 5 | 30.9 | | Apr. 5 | 60.6 |
| | May 2 | 30.6 | | June 8 | 61.2 |
| | June 8 | 31.2 | | July 6 | 61.4 |
| | July 6 | 30.4 | | Aug. 3 | 62.0 |
| | Aug. 3 | 31.4 | | Sep. 15 | 62.0 |
| | Sep. 15 | 31.8 | | Dec. 5 | 61.2 |
| | Dec. 1 | 31.4 | | Dec. 26 | 62.2 |
| | Dec. 26 | 31.1 | | | |
| | 1934 | | | 1934 | |
| | Jan. 10 | 31.3 | | Jan. 10 | 61.5 |
| | Feb. 2 | 30.1 | | Feb. 2 | 61.5 |
| | 1933 | | | 1933 | |
| B-23c-I-5 | Apr. 24 | 31.0 | B-46c-J-8 | Mar. 1 a | 72.0 |
| | Nov. 27 | 43.7 | | Sep. 7 a | 72.8 |
| | | | | Oct. 23 a | 73.5 |
| B-28c-J-6 | Apr. 27 | 131.2 | B-50-I-9 | Mar. 16 a | 84.1 |
| B-33-K-6 | Apr. 27 | 179.4 | | Aug. 1 a | 87.4 |
| | | | | Oct. 18 a | 87.6 |
| B-34-J-7 | Apr. 24 | 131.9 | B-51a-J-8 | Mar. 1 a | 82.8 |
| B-34c-J-7 | Apr. 27 | 99.8 | | Apr. 4 a | 83.6 |
| | | | | Aug. 1 a | 84.5 |
| B-35-J-7 | Apr. 27 | 58.0 | | Nov. 6 a | 85.3 |

a Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

| Well Number | Date | | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | | Dist.R.P. to water surface <u>Feet</u> |
|-------------|---------|-------|---|-------------|-----------|---------|---|
| | 1933 | | | | 1933 | | |
| B-51b-J-9 | Mar. 1 | a | 73.7 | B-54g-L-9 | Apr. 4 | | 100.7 |
| | Aug. 1 | a | 75.8 | | Nov. 7 | | 104.8 |
| | Dec. 14 | a | 77.5 | | | | |
| B-52-J-8 | Feb. 7 | a | 135.0 | B-57-J-9 | Apr. 7 | | 77.0 |
| | Apr. 4 | a | 134.7 | | Nov. 7 | | 76.0 |
| | May 15 | a | 136.7 | B-57j-J-9 | Apr. 10 | | 41.6 |
| | Nov. 7 | a | 134.5 | | Nov. 13 | | 43.0 |
| | Dec. 27 | a | 137.7 | | | | |
| 1932 | | | | | | | |
| B-52c-K-8 | Apr. 18 | | 156.1 | B-58-K-9 | Mar. 10 | a | 86.4 |
| | Nov. 14 | | 153.0 | | Apr. 4 | a | 84.2 |
| | | | | | Nov. 20 | a | 89.3 |
| 1933 | | | | B-58d-K-9 | Apr. 7 | | 78.6 |
| | | | | | Nov. 7 | | 84.0 |
| | | | | | 1932 | | |
| *B-52f-J-9 | Mar. 10 | a | 82.1 | B-58e-K-9 | Feb. 6 | b | 78.9 |
| | Aug. 3 | a | 86.8 | | Mar. 4 | b | 78.7 |
| | Dec. 5 | a | 84.3 | | Apr. 6 | b | 80.0 |
| 1934 | | | May 4 | | b | 82.8 | |
| Jan. 2 | a | 81.7 | June 1 | | b | 83.6 | |
| | | | | | July 21 | b | 85.8 |
| 1932 | | | | | Sep. 19 | b | 87.0 |
| | | | | | Oct. 3 | b | 84.7 |
| B-53f-K-9 | Apr. 28 | | 117.0 | | Nov. 28 | b | 86.0 |
| | Nov. 14 | | 122.3 | | 1933 | | |
| 1933 | | | | Feb. 3 | b | 81.4 | |
| Apr. 4 | | 120.6 | | May 13 | b | 86.3 | |
| | Nov. 6 | | 123.8 | B-59d-K-9 | Apr. 10 | | 77.3 |
| B-54-K-8 | Apr. 10 | | 153.4 | | B-59i-K-9 | Apr. 10 | |
| Nov. 7 | | | 154.9 | Nov. 13 | | | 91.2 |
| B-54b-K-8 | Apr. 4 | | 105.0 | B-60-J-9 | Nov. 7 | | 80.0 |
| | Dec. 11 | | 106.4 | | | | |

* Ref. pt. (a) in Bulletin No. 39 used.

a Measurement from Los Angeles Department of Water and Power.

b Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

| Well Number | Date | | Dist.R.P. | Well Number | Date | | Dist.R.P. |
|-------------|---------|---|------------------|-------------|---------|---|------------------|
| | | | to water surface | | | | to water surface |
| | | | Feet | | | | Feet |
| | 1933 | | | | 1933 | | |
| B-60c-I-9 | Mar. 9 | a | 95.3 | B-70b-J-10 | Nov. 17 | | 96.6 |
| | Aug. 5 | a | 97.9 | | | | |
| | Oct. 23 | a | 98.4 | B-71a-J-10 | Apr. 17 | | 66.0 |
| | Nov. 4 | | 98.5 | | Nov. 17 | | 65.8 |
| B-61f-J-9 | Apr. 11 | | 55.6 | B-72b-J-10 | Apr. 17 | | 23.7 |
| | Nov. 14 | | 58.4 | | Nov. 15 | | 25.0 |
| B-62-J--9 | Feb. 28 | | 53.5 | B-72e-K-10 | Jan. 5 | | 23.7 |
| | Nov. 8 | | 59.0 | | Feb. 2 | | 22.6 |
| | | | | | Mar. 9 | | 24.1 |
| B-62c-K-9 | Mar. 10 | a | 67.7 | 3 AM | Mar. 11 | | 11.7 |
| | Sep. 7 | a | 71.2 | | Mar. 13 | | 16.5 |
| | Oct. 23 | a | 70.8 | | Mar. 16 | | 22.5 |
| | | | | | Mar. 23 | | 23.9 |
| B-64d-L-9 | Apr. 11 | | 54.3 | | Mar. 30 | | 25.0 |
| | Nov. 14 | | 58.1 | | May 9 | | 27.0 |
| | | | | | June 8 | | 27.3 |
| B-66-J-10 | Mar. 29 | | 103.0 | | July 6 | | 29.3 |
| | Nov. 14 | | 108.5 | | Aug. 3 | | 30.1 |
| | | | | | Sep. 7 | | 29.7 |
| B-66b-J-10 | Jan. 13 | b | 74.3 | | Oct. 5 | | 29.2 |
| | Feb. 8 | b | 74.1 | | Nov. 2 | | 29.0 |
| | Mar. 1 | b | 74.0 | | Dec. 7 | | 26.8 |
| | Mar. 29 | b | 73.7 | | | | |
| | May 13 | b | 74.5 | B-73-K-10 | Apr. 17 | | 22.7 |
| | June 24 | b | 75.1 | | Nov. 17 | | 22.8 |
| | Aug. 3 | b | 75.8 | | | | |
| | Sep. 14 | b | 76.5 | B-77d-J-11 | Jan. 13 | b | 36.1 |
| | Oct. 5 | b | 76.7 | | Feb. 8 | b | 34.6 |
| | Nov. 16 | b | 76.9 | | Mar. 1 | b | 35.0 |
| | | | | | Mar. 29 | b | 36.4 |
| B-67-K-10 | Nov. 14 | | 32.5 | | May 13 | b | 38.5 |
| | | | | | June 24 | b | 40.9 |
| B-68-K-10 | Apr. 14 | | 34.9 | | Aug. 24 | b | 42.5 |
| | Nov. 15 | | 37.0 | | Sep. 14 | b | 41.8 |
| | | | | | Oct. 26 | b | 41.7 |
| B-69d-L-10 | Mar. 15 | a | 28.2 | | Nov. 16 | b | 40.8 |
| | Aug. 3 | a | 44.1 | | Dec. 7 | b | 40.3 |
| | Dec. 5 | a | 35.8 | | | | |
| | | | | | 1934 | | |
| B-70-I-10 | Apr. 17 | | 88.5 | | | | |
| | Nov. 15 | | 92.1 | | Jan. 18 | b | 37.8 |

a Measurement from Los Angeles Department of Water and Power.

b Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

| Well Number | Date | | Dist.R.P. | Well Number | Date | | Dist.R.P. |
|-------------|---------|---|------------------|-------------|---------|------|------------------|
| | | | to water surface | | | | to water surface |
| | | | <u>Feet</u> | | | | <u>Feet</u> |
| | 1933 | | | | 1932 | | |
| B-78b-J-11 | Apr. 17 | a | 39.2 | B-82-L-10 | Jan. 20 | | 13.2 |
| | Nov. 21 | a | 37.8 | | Feb. 3 | | 12.8 |
| B-79-K-10 | Mar. 17 | b | 27.7 | | Mar. 2 | | 12.0 |
| | Apr. 21 | a | 35.5 | | Apr. 2 | | 16.4 |
| | Aug. 25 | b | 43.4 | | Apr. 13 | | 21.0 |
| | Nov. 20 | a | 39.0 | | May 4 | | 22.0 |
| | Dec. 29 | b | 32.6 | | June 1 | | 25.6 |
| | 1932 | | | | July 6 | | 26.3 |
| B-81-K-10 | Jan. 2 | | 13.7 | | Aug. 3 | | 27.4 |
| | Feb. 6 | | 13.2 | | Sep. 7 | | 28.9 |
| | Mar. 4 | | 12.9 | | Oct. 5 | | 25.4 |
| | Apr. 6 | | 19.5 | | Nov. 2 | | 25.2 |
| | May 4 | | 20.3 | | Dec. 7 | | 22.8 |
| | June 8 | | 23.4 | | Dec. 28 | | 18.8 |
| | July 6 | | 26.5 | | 1933 | | |
| | Aug. 10 | | 27.6 | Feb. 1 | | 16.8 | |
| | Sep. 7 | | 25.6 | Mar. 1 | | 20.5 | |
| | Oct. 5 | | 21.5 | Apr. 5 | | 20.4 | |
| | Nov. 2 | | 22.0 | May 3 | | 23.4 | |
| | Nov. 30 | | 20.0 | June 7 | | 27.0 | |
| | 1933 | | | July 5 | | 31.4 | |
| | Jan. 13 | | 17.5 | Aug. 2 | | 33.6 | |
| | Feb. 15 | | 14.6 | Sep. 6 | | 32.6 | |
| | Mar. 8 | | 17.8 | Oct. 4 | | 31.2 | |
| | Mar. 29 | | 18.0 | Nov. 1 | | 27.6 | |
| | 1932 | | | Nov. 15 | | 27.6 | |
| B-81d-K-11 | Dec. 27 | b | 20.6 | | 1932 | | |
| | | | | *B-82d-L-11 | Dec. 15 | b | 11.0 |
| | 1933 | | | | 1933 | | |
| | Mar. 17 | b | 19.2 | Feb. 15 | b | 8.9 | |
| | July 19 | b | 35.6 | Nov. 19 | b | 17.7 | |
| | Nov. 22 | b | 14.0 | Dec. 5 | b | 15.7 | |
| | | | | | 1934 | | |
| | | | | Jan. 4 | b | 12.6 | |

*Beginning Nov. 19, 1933, ref. pt.--top of casing, 0.4 foot above ground, and 1.4 feet higher than old ref. pt. Elev. 73.5 from levels by L.A.D. of W. & P.

a Measurement from Los Angeles County Flood Control District.

b Measurement from Los Angeles Department of Water and Power.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|---------|----------------------------------|-------------|----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| B-83i-J-11 | Apr. 21 | 50.5 | B-95-N-7 | Nov. 22 | 119.3 |
| | Nov. 22 | 53.4 | | | |
| B-85-L-7 | Apr. 13 | 93.9 | B-95b-N-7 | July 20 | 94.8 |
| | | | | Sept. 15 | 94.3 |
| B-86b-M-7 | Apr. 29 | 85.9 | | 1934 | |
| | 1932 | | | Jan. 10 | 94.2 |
| B-87-M-7 | Aug. 5 | 103.0 | | Feb. 2 | 94.6 |
| | Sep. 7 | 103.0 | | 1933 | |
| | Oct. 5 | 102.8 | | | |
| | Nov. 3 | 102.8 | B-96-L-8 | Apr. 29 | 63.1 |
| | Dec. 7 | 102.9 | | Nov. 22 | 61.2 |
| | 1933 | | B-100-N-8 | Apr. 29 | 94.1 |
| | Jan. 4 | 102.6 | B-101-L-8 | Apr. 18 | 34.6 |
| | Feb. 8 | 102.3 | | Dec. 5 | 37.0 |
| | Mar. 1 | 102.2 | B-102-L-8 | Apr. 18 | 52.0 |
| | Apr. 5 | 102.6 | | Dec. 5 | 54.3 |
| | May 2 | 102.7 | B-103-M-8 | Apr. 13 | 64.3 |
| | June 8 | 103.1 | | | |
| | July 6 | 103.2 | B-103b-L-8 | Apr. 18 | 61.0 |
| | Aug. 3 | 103.3 | | Dec. 5 | 61.7 |
| | Sep. 5 | 103.1 | | | |
| | Dec. 8 | 103.0 | B-105a-M-8 | Apr. 18 | 69.1 |
| | 1934 | | | Dec. 5 | 70.5 |
| | Jan. 10 | 102.9 | B-106-L-8 | Apr. 7 | 76.5 |
| | Feb. 2 | 102.8 | | Nov. 7 | 79.3 |
| | 1933 | | B-106a-L-9 | Apr. 10 | 85.0 |
| B-89-L-7 | Apr. 29 | 89.9 | | Nov. 8 | 89.4 |
| B-91-L-7 | Apr. 29 | 69.1 | B-106b-L-9 | Apr. 10 | 34.6 |
| | | | | Nov. 8 | 35.3 |
| B-92c-L-7 | Mar. 16 | 109.0 | B-108-M-8 | Apr. 4 | 49.0 |
| | Apr. 29 | 108.0 | | Nov. 7 | 50.3 |
| B-92e-L-7 | Apr. 29 | 78.8 | B-109c-M-9 | Apr. 10 | 20.0 |
| B-94-M-7 | Apr. 29 | 121.0 | | Nov. 8 | 21.3 |
| | Nov. 22 | 118.0 | | | |

Measurements from Los Angeles County Flood Control District.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|---------|----------------------------------|-------------|---------|----------------------------------|
| | | Feet | | | Feet |
| | 1933 | | | 1933 | |
| B-110a-N-9 | Apr. 4 | 67.9 | B-115g-N-9 | Jan. 31 | 71.0 |
| | Nov. 7 | a 77.2 | cont. | Mar. 17 | 70.2 |
| B-110b-N-9 | Apr. 10 | 70.9 | | Apr. 1 | 75.0 |
| | Nov. 8 | 72.8 | | May 1 | 74.4 |
| B-111-L-9 | Apr. 10 | 57.4 | | June 1 | 79.1 |
| | Nov. 13 | 58.8 | | July 1 | 78.4 |
| *B-112-L-9 | Apr. 10 | 53.3 | | Aug. 7 | 78.0 |
| | Nov. 13 | 54.4 | | Sep. 5 | 82.7 |
| | | | | Oct. 3 | 79.8 |
| | | | | Nov. 3 | 73.7 |
| | | | | Dec. 1 | 75.0 |
| B-113-M-9 | Apr. 10 | 36.6 | B-116-L-10 | Jan. 13 | c 43.3 |
| | Nov. 13 | 40.5 | | Feb. 8 | c 41.5 |
| B-115a-N-9 | Apr. 10 | 66.6 | | Mar. 1 | c 42.6 |
| | Nov. 13 | 67.8 | | Mar. 29 | c 42.5 |
| B-115b-N-9 | Mar. 15 | b 72.6 | | May 13 | c 45.6 |
| | Aug. 3 | b 79.5 | | June 24 | c 49.0 |
| | Oct. 2 | b 77.6 | | Aug. 3 | c 50.8 |
| | Nov. 3 | 77.9 | | Sep. 14 | c 56.7 |
| | | | | Oct. 5 | c 55.9 |
| | | | | Oct. 26 | c 49.1 |
| | | | | Nov. 14 | 49.7 |
| | | | | Nov. 16 | c 55.0 |
| | 1931 | | | | |
| B-115g-N-9 | July 1 | 77.5 | B-116c-L-10 | June 2 | 30.0 |
| | Aug. 1 | 87.3 | | July 13 | 37.6 |
| | Sep. 22 | 83.9 | | Nov. 2 | 45.8 |
| | Oct. 31 | 78.0 | | | |
| | Dec. 1 | 75.4 | B-117-L-10 | Apr. 14 | 76.1 |
| | | | | Nov. 14 | 80.5 |
| | 1932 | | | | |
| | Feb. 2 | 71.7 | B-118-M-10 | Apr. 14 | 29.3 |
| | Mar. 1 | 67.2 | | Nov. 15 | 34.3 |
| | Apr. 1 | 70.6 | B-118c-M-10 | Mar. 21 | b 29.4 |
| | June 2 | 83.2 | | Sep. 8 | b 38.5 |
| | July 1 | 78.2 | | Oct. 2 | b 39.6 |
| | Aug. 2 | 83.6 | | | |
| | Sep. 1 | 82.1 | B-119-M-9 | Apr. 14 | 38.5 |
| | Oct. 3 | 78.2 | | Nov. 14 | 42.8 |
| | Nov. 4 | 79.2 | | | |
| | Dec. 29 | 75.7 | | | |

* Beginning Nov. 13, 1933, ref. pt. is plug on north side at ground.
Elev. 44.0.

a Down 30 minutes.

b Measurement from Los Angeles Department of Water and Power.

c Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|---------|----------------------------------|------|-------------|---------|----------------------------------|-------|
| | | Feet | Feet | | | Feet | Feet |
| | 1933 | | | | 1933 | | |
| B-119q-M-10 | Mar. 8 | a | 30.1 | B-126f-N-10 | Apr. 17 | | 23.8 |
| | Apr. 4 | a | 26.0 | | Dec. 11 | | 25.8 |
| | Apr. 14 | | 29.6 | B-127g-M-10 | Apr. 18 | | 29.4 |
| | Oct. 2 | a | 32.1 | | Dec. 11 | | 30.0 |
| | Dec. 27 | | 29.1 | | | | |
| B-121b-L-10 | Mar. 15 | a | 33.3 | B-128f-L-10 | Feb. 15 | a | 12.9 |
| | Sep. 8 | a | 45.0 | | Aug. 3 | a | 23.0 |
| | Oct. 2 | a | 43.0 | | Dec. 5 | a | 20.4 |
| | Nov. 15 | | 43.1 | | | | |
| | | | | 1934 | | | |
| B-122-L-10 | Apr. 17 | | 22.3 | | Jan. 4 | a | 15.5 |
| | Nov. 15 | | 26.7 | | | | |
| B-122b-L-10 | Nov. 15 | | 29.9 | | 1933 | | |
| | 1932 | | | B-129b-M-10 | Apr. 18 | c | 33.2 |
| B-122f-L-10 | Feb. 12 | b | 13.7 | B-130e-N-8 | Apr. 12 | | 203.5 |
| | Mar. 4 | b | 13.1 | | Nov. 22 | | 203.1 |
| | Apr. 6 | b | 16.1 | B-132-N-8 | Mar. 15 | | 91.4 |
| | May 4 | b | 19.9 | | Dec. 5 | | 94.4 |
| | June 1 | b | 21.6 | B-133b-O-8 | Nov. 8 | | 2.1 |
| | July 13 | b | 24.1 | | Nov. 7 | | 57.0 |
| | Aug. 10 | b | 25.6 | B-133f-N-9 | Feb. 1 | | 57.2 |
| | Sep. 7 | b | 25.5 | | Mar. 1 | | 57.8 |
| | Oct. 5 | b | 24.7 | Apr. 10 | | 56.8 | |
| | Nov. 28 | b | 23.4 | May 2 | | 58.0 | |
| | 1933 | | | June 8 | | 58.8 | |
| | Jan. 13 | b | 19.7 | July 6 | | 58.0 | |
| | Feb. 8 | b | 17.1 | Aug. 10 | | 58.9 | |
| | Mar. 1 | b | 18.1 | Sep. 15 | | 59.0 | |
| | Mar. 29 | b | 17.3 | Nov. 8 | | 59.2 | |
| | May 13 | b | 21.6 | Dec. 8 | | 58.2 | |
| | June 24 | b | 26.0 | Dec. 26 | | 58.4 | |
| | Aug. 24 | b | 28.7 | | 1934 | | |
| | Sep. 14 | b | 28.1 | | Feb. 2 | | 59.0 |
| | Oct. 5 | b | 26.3 | | | | |
| | Nov. 16 | b | 25.2 | | | | |
| | Dec. 7 | b | 23.7 | | | | |
| | Dec. 29 | b | 21.2 | | | | |
| | 1934 | | | | | | |
| | Jan. 18 | b | 19.4 | | | | |

a Measurement from Los Angeles Department of Water and Power.

b Measurement from San Gabriel Valley Protective Association.

c Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|---------|----------------------------------|-------------|-------------|---------|----------------------------------|-------------|
| | | | <u>Feet</u> | | | | <u>Feet</u> |
| | 1933 | | | | 1933 | | |
| B-134c-N-9 | Jan. 9 | ab | 63.3 | B-136-N-10 | Feb. 2 | | 12.0 |
| | Feb. 8 | ac | 63.9 | | Mar. 13 | | 10.5 |
| | Apr. 6 | | 65.0 | | Apr. 13 | | 12.1 |
| B-135-N-9 | Jan. 27 | | 21.6 | | May 3 | | 11.7 |
| | Apr. 11 | | 19.2 | | June 8 | | 12.0 |
| | Nov. 8 | | 22.4 | | July 6 | | 12.5 |
| B-135b-O-9 | Jan. 27 | | 0.0 | | Aug. 10 | | 14.0 |
| | Apr. 11 | | 5.4 | | Sep. 7 | | 13.9 |
| | Nov. 8 | | 9.2 | | Oct. 5 | | 13.5 |
| | | | | | Oct. 19 | | 14.4 |
| | | | | | Nov. 2 | | 13.0 |
| | | | | | Dec. 7 | | 13.4 |
| | | | | | Dec. 14 | | 12.7 |

a Measurement from Los Angeles Department of Water and Power.

b Nos. 1, 2, 3, 10, 7, 14, pumping.

c Nos. 1, 3, 7, 14, 13, pumping.

Measurements from Los Angeles County Flood Control District except as noted.

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in District "C"

THE UNIVERSITY OF CHICAGO
LIBRARY
540 EAST 57TH STREET
CHICAGO, ILL. 60637

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|------------------|------------|---|-------------|-----------|---|
| 1933 | | | 1933 | | |
| C-1-E-11 | Jan. 4 a | 229.1 | C-5-E-11 | Jan. 3 c | 154.2 |
| | Feb. 7 a | 226.3 | | Feb. 1 c | 145.2 |
| | Mar. 7 a | 218.3 | | Mar. 16 c | 124.2 |
| | Apr. 10 a | 213.3 | | Apr. 26 c | 135.8 |
| | May 5 a | 216.4 | | May 15 d | 136.8 |
| | June 8 a | 217.5 | | June 7 e | 138.3 |
| | July 6 a | 227.8 | | Aug. 9 f | 162.0 |
| | Aug. 3 a | 233.6 | | Sep. 22 f | 169.2 |
| | Sep. 1 a | 238.1 | | Dec. 21 g | 172.1 |
| | Sep. 28 a | 236.6 | | | |
| | Nov. 24 a | 240.7 | | | |
| | Dec. 28 a | 239.3 | | | |
| 1934 | | | 1934 | | |
| | | | Jan. 2 | | 169.2 |
| | | | Jan. 29 | | 146.8 |
| Jan. 15 a 237.8 | | | 1933 | | |
| 1933 | | | C-7-E-11 | Jan. 3 c | 195.0 |
| C-1k-D-10 | May 20 a | 315.4 | | Feb. 1 c | 182.3 |
| | | | | Mar. 16 c | 170.2 |
| C-3-E-11 | Jan. 4 a | 288.7 | | May 15 d | 174.3 |
| | Feb. 7 a | 281.5 | | June 7 e | 176.6 |
| | Mar. 14 a | 268.2 | | July 15 h | 188.7 |
| | Apr. 25 a | 278.9 | | Sep. 22 f | 204.3 |
| | May 24 a | 277.7 | | Oct. 16 i | 214.7 |
| | June 8 a | 276.6 | | Nov. 15 j | 217.8 |
| | July 6 a | 289.8 | | Dec. 21 g | 207.7 |
| | Aug. 3 a | 298.6 | | | |
| | Sep. 17 a | 302.3 | | C-10-E-11 | Jan. 3 c |
| | Nov. 27 ab | 307.0 | Feb. 1 c | | 128.5 |
| | Dec. 28 ab | 306.0 | Mar. 6 c | | 120.0 |
| | | Mar. 29 c | 116.7 | | |
| | | May 15 d | 114.9 | | |
| 1934 | | | June 15 i | | 116.3 |
| | | Aug. 9 f | 129.7 | | |
| Jan. 15 ab 398.9 | | Sep. 1 j | 134.2 | | |
| | | Oct. 2 j | 139.9 | | |
| | | Nov. 3 j | 144.4 | | |
| | | Dec. 14 k | 141.9 | | |

a Measurement from Los Angeles County Flood Control District.

b Air line.

c All northwest wells down.

d Arroyo pumping.

e All northwest wells down 24 hours.

f All northwest wells down 6 hours.

g All northwest wells down 10 hours.

h Windsor, Ventura, Arroyo pumping.

i All northwest wells pumping.

j Windsor, Figueroa, Arroyo, Ventura pumping.

k Arroyo and Ventura pumping.

Measurements from Pasadena Water Department except as noted.

| Dist.R.P. to water surface | | | Dist.R.P. to water surface | | | |
|----------------------------------|-----------|-------------|----------------------------------|-----------|-------------|--------|
| Well Number | Date | <u>Feet</u> | Well Number | Date | <u>Feet</u> | |
| | 1933 | | | 1933 | | |
| C-11-E-11 | Feb. 28 | 286.8 | C-27-F-11 | Jan. 3 | f 146.9 | |
| | Apr. 26 | 290.9 | | Feb. 1 | f 144.8 | |
| | Dec. 15 | 288.9 | | Mar. 1 | f 144.2 | |
| C-12-E-11 | Apr. 26 | 217.6 | | Apr. 1 | f 144.2 | |
| | Dec. 15 | 217.7 | | May 1 | f 145.4 | |
| | C-16-F-11 | Jan. 3 | a 290.2 | June 15 | g 162.3 | |
| Feb. 1 | | a 289.2 | Aug. 15 | g 166.4 | | |
| Mar. 1 | | a 287.0 | Aug. 30 | f 162.8 | | |
| Apr. 1 | | a 287.1 | Sep. 15 | g 168.4 | | |
| May 1 | | a 288.7 | Oct. 16 | g 171.9 | | |
| June 1 | | b 290.8 | Nov. 15 | g 170.7 | | |
| Aug. 1 | | b 297.3 | Dec. 14 | f 170.9 | | |
| Sep. 15 | | a 297.8 | C-31a-F-11 | May 2 | 159.9 | |
| Oct. 16 | | b 302.7 | | Oct. 24 | 166.5 | |
| Nov. 3 | | a 299.1 | | Dec. 17 | 168.1 | |
| C-22-F-11 | Dec. 14 | a 298.7 | C-38a-E-12 | Nov. 28 | 387.4 | |
| | Jan. 20 | 284.2 | | C-39-E-12 | Apr. 30 | 292.6 |
| | Feb. 1 | 281.9 | Dec. 3 | | 295.4 | |
| | Mar. 1 | 277.3 | C-40-E-12 | | Jan. 9 | 52.0 |
| | July 17 | c 285.9 | | Feb. 17 | 42.0 | |
| | Aug. 9 | d 291.2 | | Mar. 16 | 40.7 | |
| | Sep. 22 | d 291.2 | | Apr. 1 | 40.6 | |
| | Oct. 16 | e 290.6 | | May 1 | 40.5 | |
| | Nov. 1 | 292.3 | | June 1 | 40.8 | |
| | Dec. 13 | e 290.5 | | Aug. 17 | 44.1 | |
| | 1934 | Sep. 6 | | | Oct. 5 | h 64.8 |
| | | Jan. 16 | | 291.1 | Nov. 13 | 55.6 |
| | | 1933 | | 1934 | Dec. 1 | 58.5 |
| | | | | | Jan. 2 | 54.4 |
| | | | | | Jan. 16 | 50.9 |
| C-23-F-11 | May 31 | 10.8 | | | | |
| | Dec. 15 | 11.2 | | | | |

a Sunset down.

b Sunset pumping.

c Down 9 hours.

d Down 6 hours.

e Down 24 hours.

f Alpine down.

g Alpine pumping.

h Down 16 hours.

Measurements from Pasadena Water Department.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|-----------|----------------------------------|-------------|-------------|-----------|----------------------------------|-------------|
| | | | <u>Feet</u> | | | | <u>Feet</u> |
| | 1933 | | | | 1933 | | |
| C-41-E-12 | Apr. 30 | | 172.5 | C-47-F-12 | Apr. 30 | | 160.5 |
| | Dec. 3 | | 174.1 | | Dec. 12 | | 164.1 |
| C-42-E-12 | Apr. 30 | | 312.8 | C-49-F-12 | May 11 | | 177.3 |
| | Dec. 3 | | 319.2 | | June 1 c | | 175.0 |
| C-43-F-12 | Jan. 4 a | | 251.9 | | July 1 c | | 177.6 |
| | Feb. 28 a | | 250.4 | | Aug. 1 c | | 185.6 |
| | Mar. 21 a | | 250.1 | | Sep. 1 c | | 182.8 |
| | Apr. 25 a | | 251.0 | | Oct. 1 c | | 182.8 |
| | May 17 a | | 251.4 | | Nov. 6 c | | 182.8 |
| | June 13 a | | 251.5 | | Dec. 1 c | | 182.8 |
| | July 13 a | | 252.6 | | Dec. 26 | | 181.1 |
| | Aug. 10 a | | 253.4 | | 1934 | | |
| | Sep. 21 a | | 254.8 | Jan. 2 c | | 180.0 | |
| | Oct. 27 a | | 255.9 | | 1933 | | |
| | Nov. 24 a | | 256.5 | C-52a-F-12 | Jan. 3 d | | 241.0 |
| | Dec. 28 a | | 256.6 | | Feb. 1 d | | 240.4 |
| | 1934 | | Mar. 16 d | | | 239.8 | |
| C-44-F-12 | Jan. 10 a | | 257.6 | | Apr. 1 d | | 240.1 |
| | | 1933 | | | May 1 d | | 240.3 |
| C-44-F-12 | Jan. 3 b | | 327.1 | | June 1 d | | 241.4 |
| | Feb. 1 b | | 324.9 | | Aug. 1 d | | 246.6 |
| | Mar. 1 b | | 325.3 | | Sep. 1 d | | 246.7 |
| | Apr. 1 b | | 327.1 | | Oct. 2 d | | 246.4 |
| | May 1 b | | 327.1 | | Nov. 1 d | | 246.5 |
| | June 1 b | | 327.7 | | Dec. 1 d | | 246.5 |
| | Aug. 1 b | | 332.8 | | Dec. 14 d | | 246.0 |
| | Sep. 15 b | | 332.3 | C-55-F-12 | Dec. 27 | | 189.9 |
| | Oct. 16 b | | 332.8 | | C-56-F-12 | Feb. 1 e | |
| | Nov. 15 b | | 332.8 | Mar. 1 c | | | 140. |
| | Dec. 14 b | | 333.4 | Apr. 1 e | | | 140. |
| | 1934 | | May 1 e | | | 140. | |
| C-44-F-12 | Jan. 16 | | 331.1 | June 1 e | | | 141. |
| | | | | July 1 e | | | 143. |
| | | | | Aug. 1 e | | | 148. |

a Measurement from Los Angeles County Flood Control District.

b All east wells down.

c Measurement from owner.

d All northeast wells down.

e Measurement from Alhambra Water Department.

Measurements from Pasadena Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|--------------------|-------|----------------------------------|---------|-------------|---------|----------------------------------|------|
| | | Feet | Feet | | | Feet | Feet |
| 1933 | | | | 1933 | | | |
| C-56-F-12 cont. | Sept. | 1 a | 150. | C-76-F-12 | Apr. 30 | 133.4 | |
| | Oct. | 1 a | 144. | | Dec. 10 | 136.9 | |
| | Nov. | 1 a | 145. | C-82-F-13 | Jan. 3 | 62.6 | |
| | Dec. | 1 a | 145. | | Feb. 1 | 64.3 | |
| 1934 | | | Mar. 1 | | 66.0 | | |
| Jan. | 1 a | 146. | Apr. 1 | | 70.0 | | |
| | | | May 1 | | 66.6 | | |
| June 15 | | | 80.4 | | | | |
| 1933 | | | July 14 | | 82.8 | | |
| C-62-F-12 | Mar. | 13 a | 120. | Aug. 1 | 81.6 | | |
| | Apr. | 2 a | 126. | Oct. 2 | 79.3 | | |
| | May | 4 a | 124. | Nov. 1 | 76.4 | | |
| | July | 9 a | 122. | Dec. 1 | 75.8 | | |
| | Aug. | 15 a | 146. | 1934 | | | |
| | Sep. | 15 a | 164. | Jan. 2 | 68.9 | | |
| | Oct. | 15 a | 165. | Jan. 16 | 70.1 | | |
| | Dec. | 15 a | 172. | 1933 | | | |
| C-65-F-12 | Dec. | 30 a | 175. | C-86-F-13 | Jan. 3 | 86.5 | |
| | Feb. | 1 a | 122. | | Feb. 14 | 85.8 | |
| | | | | | Mar. 16 | 85.4 | |
| | | | | | Apr. 1 | 89.0 | |
| | | | | | May 1 | 88.4 | |
| | | | | | June 1 | 92.6 | |
| | | | | | June 30 | 95.1 | |
| | | | | | Aug. 1 | 99.4 | |
| | | | | | Sep. 1 | 100.7 | |
| | | | | | Oct. 2 | 99.8 | |
| | | | | | Nov. 1 | 99.6 | |
| | | | | | Dec. 1 | 98.0 | |
| 1934 | | | 1934 | | | | |
| Jan. | 1 a | 121. | Jan. 2 | 94.1 | | | |
| 1933 | | | Jan. 16 | 94.0 | | | |
| C-74-F-12 | Apr. | 30 | 136.0 | | | | |
| | Dec. | 23 | 141.6 | | | | |

a Measurement from Alhambra Water Department.

Measurements from Pasadena Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|-----------|---|-------------|----------|---|
| 1933 | | | 1933 | | |
| *C-96-F-13 | Jan. 4 a | 78.0 | C-108-F-12 | Apr. 10 | 163.8 |
| | Feb. 7 a | 74.4 | C-109-G-12 | Jan. 4 c | 101.0 |
| | Mar. 7 a | 75.6 | | Feb. 1 c | 101.3 |
| | Apr. 5 a | 76.7 | | Mar. 1 c | 101.4 |
| | Apr. 18 a | 84.0 | | Apr. 1 c | 101.2 |
| | May 10 a | 84.4 | | May 1 c | 100.9 |
| | June 13 a | 87.4 | | June 1 c | 101.7 |
| | June 29 a | 95.4 | | July 1 c | 101.2 |
| | July 6 a | 100.2 | | Aug. 1 c | 100.6 |
| | Aug. 3 a | 109.4 | | Sep. 1 c | 101.0 |
| | Sep. 1 a | 103.8 | | Oct. 1 c | 101.5 |
| | Sep. 28 a | 109.2 | | Nov. 6 c | 101.9 |
| | Oct. 20 a | 112.4 | | Dec. 1 c | 102.3 |
| | Nov. 17 a | 112.2 | | | |
| | Dec. 1 a | 90.0 | | | |
| | Dec. 28 a | 81.3 | | | |
| 1934 | | | 1934 | | |
| | Jan. 8 | 77.0 | | Jan. 2 c | 103.0 |
| | Jan. 15 a | 79.5 | | | |
| 1933 | | | 1932 | | |
| C-98-F-13 | May 24 | 215.4 | C-111-F-11 | Nov. 3 | 184.9 |
| | Nov. 29 | 227.5 | | Dec. 3 | 185.9 |
| | | | | Dec. 28 | 185.0 |
| C-101-F-13 | May 24 b | 105.3 | 1933 | | |
| | Nov. 29 b | 116.9 | | Jan. 3 | 185.7 |
| C-102-F-14 | Apr. 6 a | 17.8 | | Feb. 14 | 186.1 |
| | Nov. 29 | 28.6 | | Mar. 4 | 186.9 |
| | Dec. 27 a | 30.3 | | Apr. 1 | 187.9 |
| 1934 | | | | May 1 | 188.6 |
| | Jan. 15 a | 13.5 | | June 1 | 189.4 |
| 1933 | | | | July 7 | 190.6 |
| | | | | Aug. 4 | 192.4 |
| | | | | Sep. 3 | 193.9 |
| | | | | Oct. 14 | 194.9 |
| C-103-F-13 | Feb. 20 | 93.4 | C-115-E-12 | Dec. 9 | 48.4 |
| | Feb. 27 | 97.7 | | | |
| | May 24 | 103.9 | | | |
| | Nov. 29 | 109.9 | | | |

* Ref. pt. (b) in Bulletin No. 39 used.

a Measurement from Los Angeles County Flood Control District.

b All wells off 12 hours.

c Measurement from owner.

Measurements from Pasadena Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|---------|----------------------------------|---------|--------------|---------|----------------------------------|-------|
| | | Feet | Feet | | | Feet | Feet |
| 1933 | | | | 1933 | | | |
| C-119-F-12 | Feb. 1 | | 109.9 | C-130-F-13 | June 15 | a | 184.0 |
| | Mar. 1 | | 107.8 | | cont. | July 15 | a |
| | Apr. 1 | | 112.2 | | Aug. 17 | a | 195.4 |
| | May 1 | | 112.2 | | Oct. 5 | a | 196.8 |
| | June 1 | | 114.5 | | Nov. 29 | a | 191.7 |
| | July 1 | | 116.8 | *C-196-G-13 | Jan. 3 | | 124.8 |
| | Aug. 1 | | 119.2 | | Mar. 7 | | 125.0 |
| | Oct. 1 | | 119.2 | | Apr. 4 | | 126.1 |
| | Nov. 6 | | 119.2 | | June 6 | | 126.3 |
| | Dec. 1 | | 119.2 | | July 4 | | 127.3 |
| Dec. 26 | a | 118.1 | Sep. 4 | | | 127.6 | |
| 1934 | | | Oct. 2 | | | 127.8 | |
| Jan. 2 | | 119.2 | Nov. 6 | | | 128.1 | |
| 1933 | | | Dec. 4 | | | 127.9 | |
| 1934 | | | 1934 | | | | |
| C-120-F-12 | Feb. 1 | | 168.3 | | Jan. 2 | b | 127.8 |
| | Mar. 1 | | 170.3 | 1933 | | | |
| | Apr. 1 | | 175.3 | C-199b-G-12 | Apr. 10 | c | 152.4 |
| | May 1 | | 170.3 | | Dec. 26 | c | 154.6 |
| | June 1 | | 178.3 | **C-200-F-13 | Jan. 3 | d | 206.4 |
| | July 1 | | 183.3 | | Feb. 7 | d | 206.6 |
| | Sep. 1 | | 184.3 | | Mar. 7 | d | 206.4 |
| | Oct. 1 | | 190.0 | | Apr. 4 | d | 206.3 |
| | Nov. 6 | | 178.3 | | May 2 | d | 206.5 |
| | Dec. 1 | | 179.0 | | June 6 | d | 206.8 |
| Dec. 26 | a | 168.8 | July 11 | | d | 207.2 | |
| 1934 | | | Aug. 18 | | d | 207.5 | |
| Jan. 2 | | 183.3 | Sep. 8 | | d | 207.5 | |
| 1933 | | | Oct. 17 | | d | 208.2 | |
| C-130-F-13 | Jan. 15 | a | 181.0 | Nov. 9 | d | 207.4 | |
| | Feb. 17 | a | 174.7 | Dec. 15 | d | 207.4 | |
| | Mar. 17 | a | 175.8 | 1934 | | | |
| | Apr. 16 | a | 180.0 | | Jan. 26 | d | 207.4 |
| | May 15 | a | 176.1 | | | | |

* Beginning January 3, 1933, ref. pt. is top of platform over well, 0.40 foot above old ref. pt., at casing and concrete, 1.0 foot above ground. Elev. 387.4.

** Beginning November 9, 1933, ref. pt. is top of pit, 0.43 foot below top of platform. Elev. 481.0.

a Measurement from Pasadena Water Department.

b Well covered.

c Measurement from Los Angeles County Flood Control District.

d Measurement from San Gabriel Valley Protective Association.

Measurements from owner except as noted.

| Dist.R.P. to water surface | | | | Dist.R.P. to water surface | | | |
|----------------------------------|---------|---|-------|----------------------------------|---------|---|-------|
| Well Number | Date | | Feet | Well Number | Date | | Feet |
| 1933 | | | | 1933 | | | |
| C-201-G-12 | Jan. 4 | a | 249.0 | C-204-G-12 | May 2 | d | 222.2 |
| | Feb. 1 | a | 248.5 | cont. | May 26 | d | 224.1 |
| | Mar. 1 | a | 247.5 | | June 17 | | 224.1 |
| | Apr. 1 | a | 249.0 | | Sep. 8 | d | 226.3 |
| | May 1 | a | 248.0 | | Oct. 20 | d | 226.8 |
| | July 1 | a | 250.0 | | Nov. 10 | d | 226.0 |
| | Sep. 1 | a | 254.0 | | Dec. 15 | d | 225.6 |
| | Oct. 1 | a | 252.0 | | | | |
| | Nov. 6 | a | 251.0 | | 1934 | | |
| | Dec. 1 | a | 252.0 | | Jan. 26 | | 224.3 |
| 1934 | | | | | | | |
| | Jan. 2 | a | 250.4 | | 1933 | | |
| 1933 | | | | *C-205-G-12 | Jan. 16 | | 172.0 |
| C-201b-G-12 | Jan. 13 | b | 292.4 | | Mar. 21 | | 171.8 |
| | Mar. 28 | | 292.6 | | Apr. 10 | e | 172.2 |
| | May 2 | | 292.0 | | May 2 | | 172.1 |
| | May 26 | | 294.0 | | May 26 | | 172.8 |
| C-202-G-12 | Feb. 14 | c | 307. | | June 17 | | 173.2 |
| | Mar. 1 | c | 306. | | Nov. 13 | e | 177.3 |
| | Apr. 5 | c | 303. | C-206-G-12 | Jan. 4 | e | 276.8 |
| | May 6 | c | 305. | | Feb. 7 | e | 277.2 |
| | June 5 | c | 303. | | Mar. 14 | e | 276.4 |
| | July 15 | c | 306. | | Apr. 5 | e | 276.8 |
| | Sep. 15 | c | 303. | | May 10 | e | 277.3 |
| | Oct. 15 | c | 303. | | June 8 | e | 277.6 |
| | Nov. 15 | c | 308. | | July 6 | e | 279.2 |
| | Dec. 30 | c | 307 | | Aug. 3 | e | 279.0 |
| 1933 | | | | | Oct. 5 | e | 279.9 |
| C-204-G-12 | Jan. 9 | | 222.3 | | Nov. 10 | | 280.6 |
| | Feb. 25 | d | 221.8 | | Dec. 1 | e | 280.2 |
| | Mar. 21 | d | 221.9 | | Dec. 28 | e | 279.8 |
| | | | | | 1934 | | |
| | | | | | Jan. 10 | e | 279.6 |

* Beginning August 8, 1932, ref. pt. is top edge of 1½ inch pipe plug hole in plate over well, 0.1 foot above top of concrete block, 0.5 foot above ground. Elev. 428.7.

a Measurement from owner.

b Measurement from Pasadena Water Department.

c Measurement from Alhambra Water Department.

d Well No. 1 pumping.

e Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|-----------|----------------------------------|-----------|--------------|-----------|----------------------------------|--|
| | | <u>Feet</u> | | | | <u>Feet</u> | |
| | 1933 | | | | 1933 | | |
| C-211c-H-11 | Apr. 11 a | 30.0 | | C-215-G-13 | Jan. 9 b | 91.7 | |
| | Nov. 13 a | 30.7 | | | Feb. 25 | 91.7 | |
| C-211L-H-11 | Apr. 11 a | 11.5 | | | Mar. 10. | 91.7 | |
| | | | Apr. 4 | | 92.1 | | |
| C-212-H-12 | Jan. 25 | 26.7 | | May 26 b | 92.8 | | |
| | Feb. 22 | 26.7 | | June 26 b | 93.4 | | |
| | Mar. 18 | 26.8 | | July 11 | 92.9 | | |
| | Apr. 4 | 27.1 | | Dec. 20 c | 95.9 | | |
| | May 22 | 27.2 | | C-217-G-13 | Apr. 10 a | 122.0 | |
| | June 17 | 27.4 | | | Dec. 29 a | 123.2 | |
| | July 29 | 27.7 | | C-219-G-13 | Jan. 4 a | 128.1 | |
| | Aug. 18 | 27.8 | | | Feb. 15 a | 127.4 | |
| | Sep. 8 | 27.8 | | | Feb. 28 a | 127.3 | |
| | Oct. 20 | 27.9 | | | Apr. 11 a | 128.5 | |
| | Nov. 10 | 28.0 | | | May 10 a | 128.6 | |
| | Nov. 24 | 28.1 | | | Aug. 3 a | 131.2 | |
| | Dec. 13 | 28.2 | | | Sep. 21 a | 132.6 | |
| | | | Oct. 10 a | | 131.3 | | |
| | | | Nov. 6 a | | 131.2 | | |
| | | | Dec. 1 a | | 131.4 | | |
| | | | Dec. 29 a | | 130.3 | | |
| | 1934 | | | | 1934 | | |
| C-213-H-12 | Jan. 5 | 26.3 | | Jan. 11 a | 130.1 | | |
| | Jan. 26 | 25.3 | | | | | |
| | 1933 | | | | 1933 | | |
| C-214-G-13 | Apr. 13 a | 51.2 | | C-220a-G-14 | Feb. 25 a | 57.6 | |
| | Nov. 8 a | 53.0 | | | Mar. 10 a | 57.8 | |
| C-214-G-13 | Jan. 9 | 102.2 | | | Apr. 10 a | 58.7 | |
| | Feb. 25 | 101.8 | | | Nov. 14 a | 64.6 | |
| | Mar. 10 | 102.4 | | *C-222g-G-13 | Jan. 9 | 60.0 | |
| | Apr. 4 | 102.1 | | | Feb. 18 | 57.6 | |
| | May 26 | 103.2 | | | Mar. 18 | 57.8 | |
| | June 16 | 103.6 | | | Apr. 4 | 61.3 | |
| | July 11 | 103.8 | | | May 26 | 62.2 | |
| | Nov. 9 | 106.0 | | | June 17 | 61.4 | |
| | Dec. 15 | 106.3 | | | Nov. 10 a | 66.2 | |
| | 1934 | | | | | | |
| | Jan. 5 | 105.9 | | | | | |

* Ref. pt. (a) in Bulletin No. 39 used.

a Measurement from Los Angeles County Flood Control District.

b Pumping nearby.

c Measurement from Pasadena Water Department.

Measurements from San Gabriel Valley Protective Association except as noted.

| Dist.R.P. to water surface | | | Dist.R.P. to water surface | | |
|----------------------------------|-----------|---------|----------------------------------|-----------|------|
| Well Number | Date | Feet | Well Number | Date | Feet |
| 1933 | | | 1933 | | |
| C-223-G-13 | Jan. 9 | 43.5 | C-232a-H-13 | Mar. 28 | 26.3 |
| | Feb. 18 | 42.5 | | Apr. 28 | 26.7 |
| | Mar. 18 | 42.2 | | May 22 | 27.2 |
| | Apr. 4 | 42.7 | | June 17 | 27.7 |
| | May 26 | 43.6 | | Nov. 8 a | 30.5 |
| | June 17 | 44.6 | | Dec. 25 a | 30.1 |
| | July 11 | 44.9 | C-234-H-13 | Jan. 25 | 8.5 |
| | Aug. 17 | 45.7 | | Feb. 22 | 8.3 |
| | Sep. 7 | 46.0 | | Mar. 18 | 8.6 |
| | Oct. 19 | 47.0 | | Apr. 4 | 8.8 |
| | Nov. 9 | 47.2 | | May 22 | 9.7 |
| | Dec. 14 | 47.5 | | June 17 | 9.8 |
| 1934 | | Aug. 17 | | 11.0 | |
| Jan. 4 | 46.8 | Sep. 7 | | 11.2 | |
| Jan. 25 | 44.9 | Oct. 19 | 11.2 | | |
| 1933 | | Nov. 23 | 11.0 | | |
| C-227-G-13 | Apr. 4 a | 29.6 | Dec. 14 | 10.2 | |
| | July 11 a | 29.6 | 1934 | | |
| | Nov. 8 a | 32.2 | Jan. 4 | 7.2 | |
| | Dec. 16 a | 31.8 | Jan. 25 | 8.2 | |
| 1933 | | | 1933 | | |
| *C-230a-H-13 | Jan. 9 | 27.4 | C-235-H-13 | Jan. 25 | 4.6 |
| | Feb. 18 | 24.8 | | Feb. 22 b | 5.5 |
| | Mar. 18 | 25.2 | | Mar. 18 b | 5.9 |
| | Apr. 4 | 25.7 | | Apr. 4 b | 6.2 |
| | May 26 | 26.6 | | May 22 b | 6.8 |
| | June 17 | 26.9 | | June 17 | 7.0 |
| | July 11 | 28.1 | C-236-H-13 | Sep. 12 c | 6.1 |
| | Aug. 17 | 28.7 | | Nov. 8 c | 8.0 |
| | Sep. 7 | 29.1 | | Jan. 10 | 15.6 |
| | Oct. 19 | 29.8 | | Feb. 22 | 14.6 |
| | Nov. 9 | 29.1 | | Mar. 18 | 14.3 |
| | Dec. 14 | 30.5 | | Apr. 5 | 14.8 |
| 1934 | | May 22 | 15.7 | | |
| Jan. 4 | 28.7 | June 23 | 17.0 | | |
| Jan. 25 | 25.3 | July 29 | 18.0 | | |

* Beginning March 8, 1932, ref. pt. is at top edge of casting at air line, 1.6 feet above ground. Elev. 278.3.

a Measurement from Pasadena Water Department.

b Stopped mill before measuring.

c Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|---------------------|-----------|----------------------------------|---------------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| C-236-H-13 cont. | Aug. 17 | 18.4 | C-239-H-13 cont. | July 29 a | 14.1 |
| | Sep. 7 | 18.8 | | Sep. 7 | 13.8 |
| | Oct. 19 | 19.3 | | Oct. 19 | 13.8 |
| | Nov. 9 | 19.4 | | Nov. 23 | 13.7 |
| | Dec. 14 | 19.7 | | Dec. 14 | 13.2 |
| | 1934 | | | 1934 | |
| | Jan. 4 | 18.6 | | Jan. 4 | 11.7 |
| | Jan. 25 | 17.5 | | Jan. 25 | 12.4 |
| | 1932 | | | 1933 | |
| C-237w-H-13 | Dec. 16 | 9.6 | C-240q-I-13 | Jan. 3 | 3.7 |
| | | | | Mar. 7 | 3.8 |
| | | | | Apr. 3 | 4.2 |
| | | | | June 5 | 4.3 |
| | | | | July 3 | 5.1 |
| | | | | Aug. 14 | 5.6 |
| | | | | Sep. 4 | 4.7 |
| | | | | Oct. 2 | 5.1 |
| | | | C-241-F-14 | Nov. 6 | 4.3 |
| | | | | Dec. 30 | 4.5 |
| | | | | 1934 | |
| | | | | Jan. 6 | 3.5 |
| | | | | 1933 | |
| | | | | Jan. 3 | 145.5 |
| | | | | Mar. 7 | 145.4 |
| | | | | Apr. 4 | 145.4 |
| | | | | May 2 | 145.2 |
| | | | | June 6 | 145.8 |
| | | | | July 4 | 146.3 |
| | | | | Sep. 4 | 147.8 |
| | | | | Oct. 2 | 148.5 |
| | | | | Nov. 6 | 149.3 |
| | | | | Dec. 30 | 150.2 |
| | | | | 1934 | |
| | | | | Jan. 29 | 149.7 |
| | 1933 | | | | |
| C-239-H-13 | Jan. 10 | 12.5 | | | |
| | Feb. 22 a | 12.6 | | | |
| | Mar. 18 a | 12.3 | | | |
| | Apr. 5 a | 13.0 | | | |
| | Apr. 28 | 12.6 | | | |
| | May 22 a | 13.3 | | | |
| | June 23 a | 14.4 | | | |

a Stopped mill before measuring.

Measurements from San Gabriel Valley Protective Association.

| Well Number | Date | Dist.R.P. | Well Number | Date | Dist.R.P. |
|---------------------|-----------|------------------------------------|----------------------|---------|------------------------------------|
| | | to water surface <u>Feet</u> | | | to water surface <u>Feet</u> |
| 1933 | | | 1934 | | |
| C-249-G-14 cont. | July 5 a | 69.9 | C-253j-H-14 cont. | Jan. 4 | 45.8 |
| | Aug. 1 a | 71.1 | | Jan. 25 | 44.2 |
| | Sep. 5 a | 72.9 | 1933 | | |
| | Oct. 3 a | 74.0 | C-259-H-14 | Jan. 7 | 36.2 |
| | Nov. 6 | 75.5 | | Feb. 17 | 34.3 |
| | Dec. 12 a | 76.1 | | Mar. 11 | 34.0 |
| | Dec. 29 a | 75.2 | | Apr. 5 | 34.7 |
| 1934 | | | | May 20 | 38.3 |
| Jan. 5 a | 72.9 | June 16 | | 39.7 | |
| 1933 | | | | July 14 | 39.2 |
| C-251h-G-14 | Jan. 9 | 56.2 | | Aug. 17 | 41.6 |
| | Feb. 18 | 54.6 | | Sep. 7 | 41.4 |
| | Mar. 18 | 54.2 | | Oct. 19 | 43.0 |
| | Apr. 11 | 54.7 | | Nov. 10 | 42.0 |
| | May 26 | 55.7 | | Dec. 14 | 42.3 |
| | June 18 | 56.3 | 1934 | | |
| | July 11 | 58.3 | Jan. 4 | 40.3 | |
| | Aug. 17 | 59.3 | Jan. 25 | 39.0 | |
| | Sept. 7 | 60.1 | 1933 | | |
| | Oct. 19 | 61.3 | C-262-H-14 | Jan. 7 | 58.6 |
| | Nov. 10 | 61.8 | | Feb. 17 | 57.2 |
| | Dec. 14 | 62.4 | | Mar. 11 | 56.8 |
| 1934 | | | | Apr. 5 | 56.8 |
| Jan. 4 | 61.9 | Apr. 22 | | 57.5 | |
| Jan. 25 | 59.2 | June 16 | | 59.0 | |
| 1933 | | | | July 14 | 60.8 |
| C-253j-H-14 | Jan. 9 | 40.6 | | Aug. 17 | 64.8 |
| | Feb. 18 | 39.4 | | Sep. 7 | 64.0 |
| | Mar. 18 | 38.9 | | Oct. 19 | 64.5 |
| | Apr. 5 | 39.1 | | Nov. 10 | 65.6 |
| | May 22 | 40.1 | | Dec. 14 | 65.2 |
| | June 16 | 40.9 | 1934 | | |
| | July 29 | 42.8 | Jan. 4 | 63.6 | |
| | Aug. 17 | 43.7 | Jan. 25 | 62.2 | |
| | Sep. 7 | 43.5 | | | |
| | Oct. 19 | 45.6 | | | |
| | Nov. 10 | 45.9 | | | |
| | Dec. 14 | 46.4 | | | |

a Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

| Dist.R.P. to water surface | | | Dist.R.P. to water surface | | |
|----------------------------------|-----------|------|----------------------------------|-----------|------|
| Well Number | Date | Feet | Well Number | Date | Feet |
| | 1933 | | | 1933 | |
| C-264-H-14 | Jan. 7 | 45.1 | C-278-F-15 | Feb. 8 | 20.4 |
| | Feb. 17 | 44.0 | | Mar. 24 | 14.4 |
| | Mar. 11 | 43.6 | | Apr. 12 a | 19.2 |
| | Apr. 5 | 44.0 | | May 19 | 22.1 |
| | May 20 | 46.1 | | June 6 | 24.8 |
| | June 16 | 48.9 | | July 1 | 30.5 |
| | Dec. 16 a | 48.4 | | July 22 | 36.0 |
| | | | | Sep. 8 | 49.4 |
| *C-266-H-14 | Jan. 7 | 31.4 | | Oct. 27 | 61.5 |
| | Feb. 17 | 29.9 | | Nov. 9 | 62.6 |
| | Mar. 11 | 29.8 | | Dec. 15 | 68.6 |
| | Mar. 25 | 30.5 | | | |
| | Apr. 22 | 35.6 | | 1934 | |
| | May 20 | 36.3 | | Jan. 4 | 55.2 |
| | Aug. 17 | 41.2 | | Jan. 25 | 22.2 |
| | Sep. 28 | 40.1 | | | |
| | Oct. 19 | 38.8 | | 1933 | |
| | Nov. 10 | 38.1 | | | |
| | Dec. 14 | 36.8 | | | |
| | 1934 | | | | |
| | Jan. 4 | 35.1 | | | |
| | Jan. 25 | 34.0 | | | |
| | 1933 | | | | |
| C-277-F-15 | Jan. 9 | 47.3 | | | |
| | Feb. 8 | 34.0 | | | |
| | Mar. 10 | 27.3 | | | |
| | Mar. 24 | 27.7 | | | |
| | Apr. 21 | 30.5 | | | |
| | May 19 | 33.9 | | | |
| | July 1 | 37.6 | | | |
| | Aug. 18 | 45.1 | | | |
| | Sep. 8 | 48.0 | | | |
| | Oct. 19 | 55.3 | | | |
| | Nov. 9 | 59.0 | | | |
| | Dec. 15 | 64.5 | | | |
| | 1934 | | | | |
| | Jan. 4 | 59.2 | | | |
| | Jan. 25 | 34.2 | | | |

* Ref. pt. is top of steel base plate over well, 1.1 feet above ground.
Elev. 294.6.

a Measurement from Pasadena Water Department.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|-----------|----------------------------------|-------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| C-281-F-15 | Jan. 9 | 160.0 | C-284-G-15 | Jan. 7 | 208.6 |
| | Feb. 8 | 162.7 | | Feb. 18 | 207.6 |
| | Mar. 10 | 72.9 | | Mar. 18 | 205.1 |
| | Mar. 24 | 68.9 | | Apr. 8 | 203.8 |
| | Apr. 21 | 74.5 | | Apr. 22 | 203.3 |
| | May 19 | 82.2 | | May 19 | 204.2 |
| | June 10 | 86.9 | | June 10 | 203.8 |
| | July 1 | 96.4 | | July 14 | 207.5 |
| | Aug. 18 | 121.8 | | Nov. 3 a | 216.9 |
| | Sep. 8 | 132.5 | C-285-F-16 | Feb. 8 | 30.4 |
| | Oct. 19 | 152.0 | | Mar. 10 b | 24.1 |
| | Nov. 9 | 160.6 | | Apr. 21 | 42.5 |
| | Dec. 15 | 172.8 | | May 19 | 47.6 |
| | 1934 | | | June 6 | 56.4 |
| | Jan. 4 | 178.5 | | July 1 | 69.1 |
| | Jan. 25 | 174.3 | | Nov. 9 | 115.8 |
| | | | | Dec. 15 | 120.9 |
| | 1933 | | | 1934 | |
| C-282-F-14 | Jan. 9 | 195.4 | | Jan. 4 | 78.9 |
| | Feb. 8 | 194.8 | | Jan. 25 | 36.7 |
| | Mar. 10 | 193.3 | | | |
| | Apr. 21 | 192.4 | | 1933 | |
| | May 19 | 191.8 | C-291-G-14 | Feb. 17 | 104.3 |
| | July 14 | 193.9 | | Mar. 18 | 103.4 |
| | Sep. 29 | 199.8 | | Apr. 8 | 103.1 |
| | Oct. 20 | 200.8 | | May 23 | 103.2 |
| | Nov. 9 | 201.5 | | June 10 | 103.7 |
| | Dec. 15 | 202.4 | | July 14 | 105.8 |
| | 1934 | | | Aug. 17 | 109.2 |
| | Jan. 5 | 202.4 | | Sep. 7 | 110.0 |
| | Jan. 24 | 199.7 | | Oct. 19 | 112.0 |
| | 1933 | | | Nov. 23 | 112.8 |
| | | | | Dec. 14 | 113.2 |
| | | | | 1934 | |
| C-282b-F-15 | Apr. 5 a | 236.7 | | Jan. 4 | 112.6 |
| *C-283-G-15 | Apr. 10 a | 171.6 | | Jan. 24 | 108.6 |
| | Nov. 3 a | 182.7 | | | |

*Ref. pt. is top of pit, 0.5 foot above ground. Elev. 442.7.

a Measurement from Los Angeles County Flood Control District.

b Spreading water.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|-------------|----------------------------------|-------------|-----------|----------------------------------|
| | | Feet | | | Feet |
| | 1933 | | | 1933 | |
| C-294-G-15 | Jan. 3 | 116.4 | C-296-G-15 | Jan. 7 | 153.5 |
| | Jan. 31 | 115.9 | | Feb. 17 | 152.4 |
| | Feb. 28 | 114.6 | | Mar. 24 | 151.0 |
| | Mar. 14 | 114.0 | | Apr. 8 | 150.4 |
| | Mar. 28 | 113.6 | | Apr. 22 | 150.2 |
| | Apr. 25 | 113.2 | | May 20 | 149.7 |
| | May 16 | 113.0 | | June 13 | 150.4 |
| | May 30 | 113.4 | | Nov. 24 a | 161.8 |
| | June 13 | 114.0 | C-300-H-15 | Jan. 3 | 135.0 |
| | July 4 | 115.7 | | Feb. 14 | 134.5 |
| | July 31 | 118.0 | | Feb. 28 | 134.0 |
| | Aug. 28 | 120.6 | | Mar. 14 | 133.7 |
| | Sep. 18 | 121.6 | | Mar. 28 | 133.4 |
| | Oct. 5 a | 122.3 | | Apr. 11 | 133.1 |
| | Oct. 26 a | 123.1 | | May 2 | 133.0 |
| | Dec. 7 a | 124.0 | | June 13 | 133.2 |
| | Dec. 21 a | 123.7 | | July 17 | 135.1 |
| | | | | Aug. 14 | 137.2 |
| | | | | Sep. 11 | 139.0 |
| | | | | Oct. 2 | 139.6 |
| | | | | Oct. 16 | 140.1 |
| | | | | Nov. 13 | 140.2 |
| | | | | Dec. 4 | 141.5 |
| | | | | Dec. 23 | 141.5 |
| | 1934 | | | | |
| | Jan. 4 a | 123.2 | | | |
| C-294a-G-15 | See page 72 | | | | |
| | 1933 | | | | |
| C-295-G-15 | Jan. 7 | 123.9 | | 1934 | |
| | Feb. 17 | 122.8 | | Jan. 6 | 141.3 |
| | Mar. 11 | 121.9 | | Jan. 29 | 140.5 |
| | Mar. 24 | 121.4 | | | |
| | Apr. 8 | 120.9 | | 1933 | |
| | Apr. 22 | 120.6 | | | |
| | May 20 | 120.4 | | | |
| | June 13 b | 130.0 | C-304-H-15 | Jan. 7 | 84.2 |
| | July 14 b | 133.8 | | Feb. 17 | 83.0 |
| | Aug. 17 b | 138.3 | | Mar. 25 | 82.3 |
| | Sep. 7 b | 140.7 | | Apr. 22 | 82.7 |
| | Oct. 19 b | 139.7 | | May 20 | 83.0 |
| | Nov. 10 b | 140.8 | | June 16 | 84.6 |
| | Nov. 23 b | 141.6 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | 1934 | | | | |
| | Jan. 4 | 131.0 | | | |
| | Jan. 25 | 129.0 | | | |

a Measurement from Los Angeles County Flood Control District.

b Pumping.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|-----------|----------------------------------|-------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| C-305-H-15 | Jan. 7 | 107.9 | C-312-H-15 | Jan. 7 | 73.5 |
| | Feb. 17 | 107.1 | | Feb. 17 | 72.6 |
| | Apr. 22 | 107.0 | | Mar. 11 | 72.4 |
| | May 20 | 104.4 | | Mar. 25 | 72.5 |
| | June 16 | 106.0 | | Apr. 28 | 76.4 |
| | Nov. 28 a | 114.3 | | May 20 | 77.0 |
| C-307-H-15 | Jan. 7 | 91.0 | | June 16 | 80.6 |
| | Feb. 17 | 90.3 | | July 14 | 80.4 |
| | Mar. 25 | 89.9 | | Sep. 7 | 83.2 |
| | Apr. 22 | 90.2 | | Sep. 28 | 83.6 |
| | May 20 | 90.2 | | Oct. 19 | 83.1 |
| | June 17 | 91.3 | | Nov. 10 | 80.9 |
| | July 14 | 92.2 | | Nov. 23 | 83.9 |
| | Aug. 17 | 94.3 | | Dec. 15 | 80.0 |
| | Sep. 7 | 95.8 | 1934 | | |
| | Sep. 29 | 95.1 | | | |
| | Nov. 10 | 95.8 | 1934 | Jan. 4 | 78.6 |
| | Dec. 14 | 96.6 | | Jan. 25 | 77.4 |
| | 1934 | | | 1933 | |
| | Jan. 5 | 96.3 | C-313-H-15 | Nov. 22 a | 70.2 |
| | Jan. 25 | 95.9 | | | |
| | 1933 | | C-314-I-15 | Apr. 9 b | 65.2 |
| C-309-H-15 | Jan. 7 | 56.2 | C-317-I-15 | Jan. 7 | 45.3 |
| | Feb. 17 | 55.7 | | Feb. 17 | 43.7 |
| | Mar. 25 | 55.8 | | Mar. 11 | 43.1 |
| | Apr. 22 | 58.5 | | Apr. 28 | 44.2 |
| | May 20 | 59.0 | | May 20 | 44.8 |
| | June 16 | 60.9 | | June 16 | 47.0 |
| | July 29 | 66.2 | | July 14 | 47.9 |
| | Sep. 7 | 63.1 | | Aug. 17 | 49.8 |
| | Oct. 19 | 63.0 | | Sep. 7 | 49.6 |
| | Nov. 10 | 64.4 | | Oct. 19 | 49.0 |
| | Nov. 23 | 64.8 | | Nov. 10 | 48.6 |
| | Dec. 14 | 62.2 | | Dec. 14 | 48.9 |
| | 1934 | | | 1934 | |
| | Jan. 4 | 61.2 | | Jan. 4 | 47.8 |
| | Jan. 25 | 60.4 | | Jan. 25 | 46.9 |

a Measurement from Los Angeles County Flood Control District.

b Measurement from Pasadena Water Department.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | | Dist.R.P. to water surface <u>Feet</u> |
|-------------|---------|----|---|-------------|---------|---|---|
| | 1933 | | | | 1933 | | |
| C-320-F-16 | Feb. 3 | a | 15.0 | C-325-F-16 | Jan. 4 | b | 94.2 |
| | June 26 | a | 30.7 | | Feb. 7 | b | 14.5 |
| | Dec. 19 | a | 38.0 | | Mar. 7 | b | 2.0 |
| C-322-F-16 | Jan. 4 | b | 103.1 | | Dec. 15 | b | 127.6 |
| | Feb. 7 | b | 26.4 | | Dec. 29 | b | 99.2 |
| | Mar. 7 | b | 34.4 | C-328-F-16 | Jan. 9 | e | 102.4 |
| | Apr. 4 | b | 30.7 | | Feb. 8 | | 47.2 |
| | May 5 | b | 47.8 | | Mar. 10 | f | 14.8 |
| | June 8 | b | 61.6 | | Apr. 21 | e | 32.9 |
| | July 6 | bc | 78.8 | | May 19 | e | 45.5 |
| | Aug. 6 | bc | 100.4 | | June 20 | e | 57.0 |
| | Sep. 29 | b | 122.5 | | July 1 | | 62.5 |
| | Oct. 11 | b | 126.1 | | Aug. 18 | e | 90.3 |
| | Nov. 10 | b | 130.4 | | Sep. 7 | | 97.4 |
| | Nov. 27 | b | 135.3 | | Oct. 19 | | 115.3 |
| | Dec. 29 | b | 111.1 | | Nov. 9 | | 116.6 |
| | 1934 | | | | Dec. 14 | e | 126.2 |
| | Jan. 8 | b | 77.8 | | 1934 | | |
| | 1933 | | | | Jan. 4 | | 111.8 |
| C-323-F-16 | Jan. 9 | | 99.5 | | Jan. 25 | | 54.2 |
| | Feb. 8 | | 14.7 | | 1933 | | |
| | Mar. 24 | | 13.3 | C-333-F-16 | Feb. 8 | | 113.7 |
| | Apr. 21 | | 37.9 | | Mar. 24 | | 35.3 |
| | May 19 | | 50.5 | | Apr. 4 | b | 35.8 |
| | June 10 | | 65.0 | | May 19 | | 56.6 |
| | July 1 | | 78.7 | C-334-F-16 | Jan. 9 | | 92.0 |
| | Aug. 18 | d | 109.6 | | Feb. 8 | | 91.2 |
| | Sep. 7 | d | 119.6 | | Mar. 24 | | 28.9 |
| | Oct. 19 | d | 131.8 | | Apr. 21 | | 22.3 |
| | Nov. 9 | d | 138.6 | | May 19 | | 30.7 |
| | 1934 | | | | June 10 | | 38.2 |
| | Jan. 4 | | 96.0 | | July 1 | b | 57.6 |
| | Jan. 25 | | 22.0 | | July 31 | b | 76.4 |
| | | | | | Sep. 11 | b | 95.3 |

a Measurement from Pasadena Water Department.

b Measurement from Los Angeles County Flood Control District.

c Measurement by operator.

d No. C-325-F-16 pumping.

e No. C-329 pumping.

f Spreading water nearby.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|---------------------|---------|----------------------------------|-------------|---------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| C-334-F-16 cont. | Oct. 19 | 106.8 | *C-333-G-16 | Jan. 7 | 243.5 |
| | Nov. 9 | a 111.7 | | Feb. 17 | 242.8 |
| | Dec. 14 | 116.9 | | Mar. 24 | 242.8 |
| | 1934 | | | Apr. 22 | 242.2 |
| | Jan. 4 | 115.8 | | July 14 | 244.8 |
| | Jan. 25 | 105.1 | | Sep. 28 | 247.6 |
| | | | | Oct. 19 | 247.7 |
| | | | | Nov. 23 | 249.4 |
| | | | | Dec. 14 | 249.4 |
| | 1933 | | | 1934 | |
| C-335-G-16 | Jan. 7 | 262.2 | | Jan. 4 | 247.9 |
| | Feb. 18 | 261.1 | | Jan. 25 | 248.5 |
| | Mar. 18 | 255.6 | | | |
| | Apr. 8 | 255.1 | | 1933 | |
| | May 19 | 254.2 | C-343-H-16 | Jan. 3 | 192.1 |
| | June 10 | 256.9 | | Feb. 7 | 190.0 |
| | July 14 | 261.4 | | Mar. 14 | 190.2 |
| | Oct. 19 | 272.9 | | Apr. 4 | 193.1 |
| | Nov. 10 | 271.0 | | May '2 | 191.9 |
| | Dec. 14 | 271.3 | | June 6 | 194.7 |
| | 1934 | | | July 4 | 195.1 |
| | Jan. 4 | 270.4 | | Aug. 7 | 200.6 |
| | Jan. 25 | 269.2 | | Aug. 28 | 197.5 |
| | 1933 | | | Oct. 16 | 193.4 |
| C-337-G-16 | Feb. 17 | 292.4 | | Nov. 6 | 197.1 |
| | Apr. 28 | 292.4 | | Dec. 30 | 195.8 |
| | May 20 | 292.5 | | 1934 | |
| | July 14 | 292.3 | | Jan. 29 | 194.8 |
| | Aug. 17 | 292.3 | | | |
| | Sep. 7 | 292.2 | | 1933 | |
| | Oct. 19 | 292.6 | C-354-H-16 | Apr. 12 | a 177.9 |
| | Nov. 10 | 293.0 | | Nov. 22 | a 184.8 |
| | Nov. 23 | 294.2 | | | |
| | Dec. 14 | 293.1 | | | |
| | 1934 | | | | |
| | Jan. 4 | 293.0 | | | |
| | Jan. 25 | 293.7 | | | |

* Beginning October 19, 1933, return to old ref. pt. Elev. 534.4.

a Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist. R.P. to water surface <u>Feet</u> | Well Number | Date | Dist. R.P. to water surface <u>Feet</u> |
|-------------|-----------|--|-------------|-----------|--|
| | 1933 | | | 1933 | |
| C-360-G-16 | Jan. 7 | 182.8 | C-364-I-15 | Mar. 25 | 32.7 |
| | Feb. 17 | 181.3 | | Apr. 25 b | 34.2 |
| | Mar. 11 | 184.4 | | May 20 | 34.2 |
| | Apr. 8 | 183.6 | | Nov. 20 b | 36.9 |
| | May 2 | 182.7 | C-366-F-15 | Apr. 18 a | 267.0 |
| | June 6 | 182.8 | | | |
| | July 4 | 184.7 | C-367-F-15 | Jan. 9 | 279.8 |
| | Sep. 4 | 191.6 | | Feb. 8 | 279.1 |
| | Oct. 2 | 193.2 | | Mar. 10 | 273.9 |
| | Nov. 6 | 194.4 | | Apr. 21 | 268.8 |
| | Dec. 4 | 195.2 | | May 19 | 270.2 |
| | Dec. 30 | 194.3 | | June 10 | 271.7 |
| | 1934 | | | July 1 | 273.7 |
| | Jan. 22 | 193.4 | | Aug. 18 | 280.3 |
| | 1933 | | | Sept. 8 | 282.8 |
| | | | | Oct. 19 | 285.8 |
| | | | | Nov. 9 | 286.6 |
| | | | | Dec. 14 | 287.7 |
| C-362-G-15 | Feb. 18 | 228.1 | | 1934 | |
| | Mar. 18 | 225.3 | | Jan. 5 | 287.3 |
| | Apr. 8 | 224.2 | | 1933 | |
| | May 19 | 222.8 | C-376-G-11 | Mar. 28 | 259.4 |
| | June 10 | 223.8 | | May 2 | 259.3 |
| | July 29 | 229.2 | | June 17 | 259.7 |
| | Aug. 17 | 231.6 | | Sep. 8 | 260.2 |
| | Sep. 7 | 233.9 | | Oct. 20 | 260.4 |
| | Oct. 19 | 236.6 | | Nov. 10 | 260.5 |
| | Nov. 10 | 237.0 | | Dec. 15 | 260.7 |
| | Dec. 8 | 237.6 | | 1934 | |
| | 1934 | | | Jan. 5 | 260.7 |
| | Jan. 4 | 236.7 | | Jan. 26 | 260.0 |
| | Jan. 25 | 235.2 | | 1933 | |
| | 1933 | | | | |
| C-363-H-14 | Jan. 9 | 30.4 | C-382-H-14 | Apr. 12 b | 55.2 |
| | Feb. 22 | 29.0 | | | |
| | Mar. 18 | 28.6 | C-383-I-14 | Apr. 12 b | 20.5 |
| | Apr. 5 | 28.7 | | Nov. 6 b | 22.8 |
| | May 22 | 30.2 | | | |
| | June 23 | 31.2 | | | |
| | Dec. 24 a | 32.3 | | | |

a Measurement from Pasadena Water Department.

b Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | | Dist.R.P. to water surface <u>Feet</u> |
|--------------|---------|---|---|---------------|---------|---|---|
| | 1933 | | | | 1933 | | |
| *C-383c-I-13 | Apr. 12 | a | 12.4 | C-405-F-17 | Jan. 3 | a | 432.9 |
| | Nov. 5 | a | 12.8 | cont. | Feb. 14 | a | 431.2 |
| C-387-G-16 | Jan. 7 | | 217.4 | | Mar. 7 | a | 430.7 |
| | Feb. 18 | | 217.4 | | Apr. 4 | a | 431.2 |
| | Mar. 18 | | 214.8 | | May 2 | a | 430.8 |
| | Apr. 8 | | 214.0 | | June 16 | a | 431.7 |
| | May 19 | | 212.5 | | July 11 | a | 431.9 |
| | June 10 | | 213.6 | | Sep. 5 | a | 434.2 |
| | July 14 | | 220.1 | | Oct. 3 | a | 437.1 |
| | | | | | Dec. 5 | a | 433.7 |
| C-399-G-16 | Jan. 7 | | 313.4 | C-415-F-17 | Apr. 11 | a | 149.7 |
| | Mar. 11 | | 305.3 | | Nov. 24 | a | 153.4 |
| | Dec. 18 | a | 316.3 | | | | |
| C-401-F-16 | Apr. 19 | a | 167.6 | C-432-G-17 | Nov. 3 | a | 110.6 |
| C-401c-F-16 | Jan. 9 | | 279.2 | C-437-G-17 | Apr. 10 | a | 137.9 |
| | Feb. 8 | | 279.0 | | Nov. 3 | a | 159.0 |
| | Mar. 10 | | 278.6 | **C-452c-G-17 | Apr. 12 | a | 198.8 |
| | Apr. 21 | | 278.3 | | Dec. 6 | a | 201.9 |
| | July 14 | | 277.2 | | | | |
| | Aug. 17 | | 276.7 | C-453-G-17 | Apr. 12 | a | 84.3 |
| | Sep. 7 | | 276.5 | | Nov. 22 | a | 86.6 |
| | Oct. 19 | | 276.4 | | | | |
| | Nov. 10 | | 276.5 | C-485-F-18 | Jan. 3 | a | 390.5 |
| | Dec. 14 | | 276.5 | | Feb. 7 | a | 382.5 |
| | | | | | Mar. 14 | a | 374.5 |
| | 1934 | | | | Apr. 4 | a | 381.7 |
| | Jan. 4 | | 276.2 | | May 2 | a | 383.1 |
| | Jan. 25 | | 276.1 | | June 9 | a | 390.2 |
| | | | | | July 5 | a | 393.4 |
| | 1933 | | | | Aug. 1 | a | 391.8 |
| | | | | | Sep. 5 | a | 399.7 |
| C-404a-F-17 | Apr. 19 | a | 36.9 | | Oct. 10 | a | 408.1 |
| | | | | | Oct. 31 | a | 405.8 |
| | | | | | Nov. 21 | a | 408.7 |
| | 1932 | | | | Dec. 20 | a | 396.7 |
| C-405-F-17 | Dec. 20 | a | 435.5 | C-498-G-18 | Dec. 18 | a | 325.0 |

* Ref. pt.--Base of pump, 1.2 foot above ground. Elev. 219.4.

** Ref. pt.--Top of casing, 0.8 feet above ground. Elev. 672.2.

a Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist. R.P. to water surface | Well Number | Date | Dist. R.P. to water surface |
|-------------|-----------|-----------------------------------|-------------|-------------|-----------------------------------|
| | | Feet | | | Feet |
| | 1933 | | | 1933 | |
| C-504-G-18 | Jan. 3 | 378.3 | C-558-G-18 | Feb. 3 | 257.6 |
| | Feb. 3 | 378.3 | | Mar. 3 | 257.3 |
| | Mar. 3 | 378.3 | | Apr. 11 | 256.9 |
| | Apr. 3 a | 376.2 | | Aug. 18 | 255.6 |
| | Apr. 11 | 378.3 | | Oct. 6 | 256.0 |
| | Dec. 26 a | 378.3 | | Nov. 13 | 255.9 |
| C-509-F-18 | Jan. 3 | 257.8 | | 1934 | |
| | Feb. 4 | 257.4 | | Jan. 6 | 255.9 |
| | Mar. 13 | 257.3 | | | |
| | Apr. 11 | 257.5 | | 1933 | |
| | Aug. 18 | 257.9 | | | |
| | Dec. 27 a | 258.0 | C-561-G-18 | Aug. 17 | 180.2 |
| C-522a-G-17 | Dec. 6 a | 107.8 | | Oct. 6 | 170.1 |
| C-534-G-18 | Jan. 3 | 149.6 | | Nov. 13 | 168.6 |
| | Feb. 3 | 149.2 | C-581c-G-18 | See page 72 | |
| | Mar. 3 | 149.0 | | 1932 | |
| | Apr. 3 a | 148.9 | | | |
| | Apr. 11 | 148.9 | C-586c-G-18 | Apr. 16 | 412.0 |
| | Aug. 17 | 149.7 | | Dec. 4 | 435.5 |
| | Oct. 6 | 151.2 | | 1933 | |
| | Nov. 13 | 150.9 | | | |
| | Dec. 27 a | 150.5 | | Jan. 3 | 462.2 |
| | 1934 | | | Feb. 3 | 452.4 |
| | Jan. 6 | 149.2 | | Mar. 3 | 445.5 |
| | 1933 | | | Oct. 6 | 501.6 |
| C-547-G-18 | Jan. 3 | 351.0 | | Nov. 13 b | 554.1 |
| | Feb. 4 | 341.5 | | 1934 | |
| | Mar. 3 | 337.0 | | Jan. 6 | 486.9 |
| | Apr. 11 b | 370.0 | | | |
| | Oct. 6 b | 422.0 | | | |
| | Nov. 13 b | 409.5 | | | |
| | 1934 | | | | |
| | Jan. 8 b | 379.0 | | | |

a Measurement from Los Angeles County Flood Control District.

b Pumping.

Measurements from La Verne Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|-----------|---|-------------|------------|---|
| | 1933 | | | 1933 | |
| C-593a-G-19 | Jan. 3 | 322.0 | C-612a-G-18 | Jan. 3 | 230.7 |
| | Feb. 4 | 321.0 | | Feb. 3 | 225.8 |
| | Mar. 3 | 318.0 | | Mar. 3 | 221.7 |
| | | | | Apr. 11 | 218.7 |
| | 1934 | | | Aug. 17 | 220.3 |
| | Jan. 8 | 326.5 | | Oct. 6 | 222.8 |
| | | | | Nov. 13 | 224.0 |
| | 1933 | | | 1934 | |
| C-595-G-19 | Jan. 3 | 210.3 | | Jan. 6 | 222.1 |
| | Feb. 4 | 208.5 | | | |
| | Mar. 3 | 207.5 | | 1933 | |
| | Apr. 11 | 209.9 | | | |
| | Aug. 18 | 213.7 | C-627-G-19 | Jan. 3 | 274.3 |
| | Oct. 6 | 211.6 | | Feb. 4 | 253.9 |
| | Nov. 14 | 209.3 | | Mar. 3 | 246.0 |
| | Dec. 26 a | 208.6 | | Apr. 11 | 269.6 |
| | | | | Aug. 18 | 300.7 |
| | 1934 | | | Oct. 6 | 295.1 |
| | Jan. 8 | 206.7 | | Nov. 14 | 304.4 |
| | 1933 | | | 1934 | |
| | | | | | |
| *C-603-G-19 | Apr. 3 a | 345.7 | | Jan. 8 | 281.1 |
| | 1932 | | | 1933 | |
| | | | | | |
| C-611-G-19 | Dec. 29 a | 302.0 | C-655d-F-19 | Jan. 4 bo | 289.5 |
| | | | | Feb. 4 c | 226.3 |
| | 1933 | | | Mar. 4 c | 220.1 |
| | | | | Apr. 12 bc | 297.7 |
| | Feb. 3 | 299.5 | | 1933 | |
| | Mar. 3 | 296.0 | | | |
| | Aug. 17 | 329.4 | C-655q-F-19 | Mar. 31 a | 37.8 |
| | Oct. 6 b | 314.0 | | | |
| | Dec. 18 a | 296.0 | | | |
| | 1934 | | | | |
| | Jan. 6 | 325.1 | | | |

* Distance from reference point to water surface, as published in Bulletin No. 39, is in error.

a Measurement from Los Angeles County Flood Control District.

b Pumping.

c Measurement from J.R. Shoemaker.

Measurements from La Verne Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|---------|---|-------------|---------|---|
| | 1933 | | | 1933 | |
| C-656-F-20 | Jan. 4 | 193.6 | C-659g-G-20 | Jan. 4 | 67.7 |
| | Feb. 4 | 192.3 | | Feb. 4 | 62.4 |
| | | | | Mar. 4 | 57.8 |
| | 1934 | | | Apr. 12 | 71.1 |
| | Jan. 4 | 217.4 | | June 9 | a 81.7 |
| | | | | Aug. 22 | 84.5 |
| | 1933 | | | Oct. 7 | 74.1 |
| C-656a-F-20 | Feb. 4 | 221.9 | | Dec. 5 | a 67.3 |
| | Oct. 7 | 274.0 | | Dec. 30 | b 75.8 |
| | 1934 | | C-659i-G-20 | Jan. 4 | 174.4 |
| | Jan. 4 | 269.0 | | Feb. 4 | 173.0 |
| | 1932 | | | 1934 | |
| *C-658-G-20 | Dec. 21 | a 177.4 | | Jan. 4 | 200.7 |
| | | | | 1933 | |
| | 1933 | | D-660-G-19 | Mar. 4 | 208.5 |
| | Jan. 4 | 174.2 | | | |
| | Feb. 4 | 164.5 | C-663-G-19 | Jan. 4 | 267.1 |
| | Mar. 4 | 159.6 | | Feb. 4 | 261.4 |
| | Apr. 4 | b 170. | | Mar. 4 | 255.8 |
| | May 15 | b 169.9 | | Apr. 12 | 250.1 |
| | June 4 | b 180. | | Oct. 7 | 280.1 |
| | July 13 | b 183. | | Nov. 22 | 304.8 |
| | Oct. 30 | b 191. | | 1934 | |
| | Nov. 13 | b 200. | | Jan. 5 | 270.4 |
| | Dec. 13 | b 198. | | 1932 | |
| | 1934 | | | | |
| | Jan. 4 | 191.3 | C-665-G-20 | Dec. 21 | a 273.8 |
| | 1933 | | | 1933 | |
| C-659c-G-20 | Jan. 4 | 146.1 | | Jan. 4 | 266.9 |
| | Feb. 4 | 135.9 | | Feb. 4 | 253.0 |
| | Mar. 4 | 128.3 | | Mar. 4 | 246.1 |
| | Apr. 12 | 133.0 | | Apr. 1 | a 240.0 |
| | Aug. 22 | 147.2 | | 1934 | |
| | Oct. 7 | 150.9 | | Jan. 5 | 276.1 |

*Beginning Feb. 4, 1933, ref. pt. is top edge of steel, I beams at ground level.

a Measurement from Los Angeles County Flood Control District.

b Measurements from West End Consolidated Water Company.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|---------|---|-------------|---------|---|
| | 1933 | | | 1933 | |
| C-670e-G-19 | Jan. 4 | 251.8 | *C-681-H-19 | Apr. 17 | b 94.6 |
| | Feb. 4 | 248.6 | | Aug. 24 | a 116.8 |
| | Mar. 4 | 246.3 | | Oct. 12 | a 99.2 |
| | Apr. 12 | 239.9 | | Nov. 8 | b 98.4 |
| | Aug. 23 | 252.1 | | | |
| | Oct. 9 | 257.1 | | 1934 | |
| | Nov. 17 | 255.5 | | Jan. 24 | a 92.6 |
| | 1934 | | | 1933 | |
| | Jan. 5 | 249.1 | C-682p-I-19 | Apr. 4 | b 66.8 |
| | 1933 | | | Apr. 17 | b 67.9 |
| | | | | Nov. 8 | b 73.2 |
| C-673-H-19 | Jan. 21 | a 174.3 | | 1934 | |
| | Nov. 21 | bc 189.3 | | Feb. 14 | a 67.3 |
| | 1934 | | | 1933 | |
| | Feb. 13 | a 177.8 | C-700a-I-16 | Apr. 11 | b 35.5 |
| | 1932 | | | | |
| C-673d-H-19 | Feb. 24 | a 43.6 | C-701-I-17 | Jan. 3 | b 31.7 |
| | 1934 | | | Feb. 7 | b 29.9 |
| | Feb. 13 | a 52.7 | | Mar. 7 | b 28.8 |
| | 1933 | | | Mar. 21 | b 28.5 |
| C-678k-H-19 | Nov. 8 | bd 103.4 | | Apr. 4 | b 29.6 |
| | | | | May 2 | b 31.2 |
| | | | | June 9 | b 33.5 |
| | | | | July 5 | b 37.3 |
| | | | | Aug. 8 | b 37.9 |
| | | | | Sep. 5 | b 36.1 |
| | | | | Oct. 17 | b 36.9 |
| | | | | Nov. 21 | b 36.3 |
| | | | | Dec. 20 | b 36.1 |

* Beginning Aug. 24, 1933, ref. pt. is top of casing, 0.3 foot above ground. Elev. 810.1.

a Measurement from J.R. Shoemaker.

b Measurement from Los Angeles County Flood Control District.

c Ref. pt.--Base of pump at ground. Elev. 899.7.

d Ref. pt.--Floor of pump house at ground. Elev. 807.5.

Measurements from Pomona Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|---------|----------------------------------|-------|-------------|----------|----------------------------------|------|
| | | | Feet | | | | Feet |
| | 1933 | | | | 1933 | | |
| C-703-H-13 | Apr. 17 | | 109.8 | C-803g-I-12 | Jan. 24 | b | 45.1 |
| | Nov. 21 | | 116.8 | | Feb. 25 | b | 40.9 |
| C-703c-H-13 | Apr. 14 | | 102.9 | | Apr. 1 | b | 40.8 |
| | Nov. 15 | | 107.3 | | May 15 | b | 43.4 |
| *C-704-H-13 | Apr. 17 | | 67.8 | | June 19 | b | 45.3 |
| | Nov. 15 | | 70.1 | | Aug. 3 | b | 48.8 |
| C-705-H-17 | Nov. 15 | a | 58.9 | | Sep. 14 | b | 51.0 |
| | | | | | Oct. 5 | b | 51.7 |
| | | | | Nov. 16 | b | 51.7 | |
| | | | | Dec. 28 | b | 50.6 | |
| | 1932 | | | | 1934 | | |
| C-705a-I-17 | Nov. 28 | | 33.5 | | Jan. 16 | b | 46.0 |
| | 1933 | | | | 1933 | | |
| | Apr. 17 | | 31.0 | C-803r-I-12 | Jan. 11 | b | 73.7 |
| C-707-I-17 | Apr. 11 | | 15.3 | | Feb. 25 | b | 67.8 |
| | Nov. 14 | | 16.8 | | Apr. 1 | b | 69.9 |
| C-708-I-15 | Apr. 18 | | 62.8 | | May 15 | b | 75.8 |
| | | | | | June 30 | b | 80.0 |
| C-708a-I-15 | Nov. 21 | | 73.9 | | Aug. 24 | b | 83.6 |
| | | | | | Sept. 14 | b | 84.2 |
| C-709-I-16 | Apr. 11 | | 42.5 | | Oct. 5 | b | 85.1 |
| | | | | | Nov. 16 | b | 85.8 |
| C-712-J-16 | Apr. 18 | | 45.9 | | Dec. 7 | b | 85.3 |
| | Nov. 21 | | 40.2 | | Dec. 28 | b | 77.0 |
| C-713-I-16 | Apr. 18 | | 69.5 | | 1934 | | |
| | Nov. 21 | | 71.6 | | Jan. 16 | b | 65.2 |
| | | | | | 1933 | | |
| C-714-J-15 | Apr. 25 | | 6.9 | C-804L-I-13 | Apr. 28 | | 27.6 |
| | Nov. 20 | | 7.6 | | | | |
| C-801a-I-13 | Jan. 11 | b | 62.3 | C-804q-I-13 | Apr. 12 | | 27.2 |
| | Feb. 25 | b | 54.7 | | Nov. 6 | | 28.1 |
| | June 30 | b | 65.0 | C-804t-I-13 | Apr. 28 | | 42.4 |
| | | | | | | | |

* Ref. pt.--Top of casing at ground. Elev. 704.0.

a Ref. pt.--Top of casing 0.5 foot above ground. Elev. 640.0

b Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|---------|---|-------------|---------|---|
| | 1933 | | | 1934 | |
| C-806-I-12 | Apr. 28 | a 22.0 | C-810-I-11 | Jan. 16 | 123.8 |
| | | | cont. | | |
| C-807-I-12 | Jan. 13 | 97.4 | | 1933 | |
| | Feb. 7 | 83.6 | C-812-I-11 | Apr. 24 | a 60.0 |
| | Apr. 1 | 91.8 | | Nov. 23 | a 66.0 |
| | May 27 | 95.3 | C-813-J-12 | Apr. 25 | a 57.0 |
| | June 30 | 97.1 | | Dec. 11 | a 65.3 |
| | Aug. 24 | 100.6 | C-814-I-13 | Jan. 11 | 61.2 |
| | Sep. 14 | 101.6 | | Jan. 31 | 59.3 |
| | Oct. 5 | 102.5 | | Mar. 7 | 54.5 |
| | Oct. 26 | 103.1 | | Apr. 1 | 54.7 |
| | Dec. 7 | 103.7 | | May 15 | 57.1 |
| | Dec. 28 | 101.9 | | June 16 | 59.6 |
| | 1934 | | | Sep. 14 | 67.0 |
| | Jan. 16 | 92.6 | | Oct. 5 | 68.5 |
| | 1933 | | | Nov. 16 | 68.1 |
| C-808-I-12 | Jan. 13 | 87.1 | | Dec. 28 | 67.6 |
| | Feb. 7 | 87.2 | | 1934 | |
| | Apr. 1 | 85.6 | | Jan. 16 | 64.4 |
| | May 27 | 86.5 | | 1932 | |
| | June 30 | 87.4 | | | |
| | Aug. 3 | 88.7 | *C-819-J-13 | Dec. 1 | a 21.8 |
| | Sep. 14 | 90.2 | | 1933 | |
| | Oct. 5 | 90.8 | | Jan. 5 | a 21.5 |
| | Nov. 16 | 92.1 | | Feb. 2 | a 20.4 |
| | Dec. 28 | 92.7 | | Mar. 2 | a 20.0 |
| | 1934 | | | Apr. 6 | a 20.5 |
| | Jan. 16 | 92.2 | | May 2 | a 17.6 |
| | 1933 | | | June 1 | a 19.6 |
| C-810-I-11 | Jan. 13 | 119.8 | | July 6 | a 21.9 |
| | Feb. 7 | 120.1 | | Aug. 3 | a 21.1 |
| | Apr. 1 | 120.6 | | Oct. 5 | a 22.5 |
| | May 27 | 120.9 | | Nov. 24 | a 23.1 |
| | June 30 | 121.1 | | Dec. 21 | a 23.3 |
| | Sep. 14 | 122.0 | | 1934 | |
| | Oct. 5 | 122.2 | | Jan. 4 | a 17.8 |
| | Nov. 16 | 123.0 | | | |
| | Dec. 23 | 125.1 | | | |

* Beginning Jan. 6, 1932, ref. pt. is top of casing at ground. Elev. 150.
a Measurement from Los Angeles County Flood Control District.
Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist. R.P. to water surface <u>Feet</u> | Well Number | Date | Dist. R.P. to water surface <u>Feet</u> |
|-------------|---------|--|-------------|---------|--|
| 1933 | | | 1933 | | |
| C-325g-J-12 | Apr. 19 | a 47.5 | C-343-K-12 | Jan. 4 | 32.5 |
| | Dec. 20 | a 55.5 | | Feb. 1 | 31.2 |
| | | | | Mar. 1 | 31.3 |
| C-327-J-12 | Jan. 13 | 51.2 | | Apr. 3 | 33.2 |
| | Feb. 15 | 50.6 | | May 1 | 33.7 |
| | Mar. 1 | 50.4 | | June 5 | 36.1 |
| | Mar. 29 | 50.7 | | July 3 | 33.2 |
| | May 15 | 51.2 | | Sep. 4 | 39.9 |
| | June 24 | 52.0 | | Oct. 2 | 40.2 |
| | Aug. 3 | 53.1 | | Nov. 6 | 38.5 |
| | Sep. 14 | 54.4 | | Dec. 4 | 37.3 |
| | Oct. 5 | 55.0 | | | |
| | Nov. 16 | b 56.1 | | 1934 | |
| | Dec. 28 | b 56.6 | | Jan. 3 | 35.6 |
| | | | | Jan. 24 | 34.6 |
| | 1934 | | | | |
| | Jan. 16 | 56.2 | | 1933 | |
| | | | | | |
| | 1933 | | C-352-K-13 | Jan. 6 | 36.5 |
| C-328-J-12 | Jan. 13 | 46.6 | | Feb. 9 | 37.1 |
| | Feb. 15 | 45.3 | | Mar. 2 | 37.3 |
| | Mar. 1 | 45.7 | | Mar. 31 | 38.5 |
| | Mar. 29 | 46.1 | | May 1 | 41.4 |
| | May 15 | 47.7 | | June 22 | 46.0 |
| | June 24 | 49.0 | | July 13 | 47.9 |
| | Aug. 3 | 50.4 | | Aug. 24 | 49.7 |
| | Sep. 14 | 51.2 | | Sep. 14 | 48.7 |
| | Oct. 26 | 51.5 | | Oct. 5 | 48.1 |
| | Nov. 16 | 51.5 | | Nov. 16 | 45.3 |
| | Dec. 23 | 51.0 | | Dec. 23 | 42.5 |
| | | | | | |
| | 1934 | | | 1934 | |
| | Jan. 16 | b 51.1 | | Jan. 16 | 41.4 |
| | | | | | |
| | 1933 | | | 1933 | |
| | | | | | |
| C-329j-J-11 | Apr. 24 | c 44.4 | C-353-K-13 | Jan. 6 | 45.3 |
| | | | | Feb. 9 | 44.0 |
| | | | | Mar. 2 | 44.3 |
| C-334c-J-11 | Apr. 21 | cd 38.4 | | Mar. 31 | 46.1 |

a Measurement from Pasadena Water Department.

b Stopped windmill to measure.

c Measurement from Los Angeles County Flood Control District.

d Ref. pt. is hole in floor of recorder, 2.1 feet above ground. Elev. 119.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|---------------------|---------|----------------------------------|-------------|---------------|---------|----------------------------------|-------------|
| | | | <u>Feet</u> | | | | <u>Feet</u> |
| | 1933 | | | | 1933 | | |
| C-853-K-13 cont. | Aug. 3 | | 53.5 | C-858-L-13 | Apr. 26 | a | 29.5 |
| | Aug. 24 | | 55.5 | | Dec. 20 | a | 27.2 |
| | Oct. 26 | | 52.9 | **C-860a-L-12 | Feb. 26 | c | 26.1 |
| | Nov. 17 | | 50.7 | | Mar. 31 | | 29.7 |
| | Dec. 28 | | 48.8 | | May 11 | | 33.6 |
| | 1934 | | | | June 22 | | 42.0 |
| Jan. 17 | | 48.4 | Aug. 25 | | | 41.0 | |
| | 1933 | | | | Oct. '5 | | 40.3 |
| C-853a-K-13 | Jan. 6 | | 65.1 | | Oct. 26 | | 35.8 |
| | Feb. 9 | | 64.5 | | Nov. 16 | | 34.8 |
| | Mar. 2 | | 64.0 | | Dec. 7 | | 35.1 |
| | Mar. 31 | | 65.0 | | Dec. 28 | | 28.8 |
| | May 11 | | 65.0 | | 1934 | | |
| | June 22 | | 67.0 | Jan. 16 | | 27.1 | |
| | July 13 | | 67.5 | | 1933 | | |
| | Aug. 24 | | 68.9 | C-861-L-12 | Jan. 6 | | 25.0 |
| | Sep. 14 | | 69.4 | | Jan. 26 | | 22.0 |
| | Oct. 5 | | 69.7 | | Mar. 2 | | 24.4 |
| | Nov. 16 | | 69.5 | | Mar. 31 | | 30.6 |
| | Dec. 28 | | 68.5 | | May 11 | | 30.5 |
| | 1934 | | | | June 22 | | 38.1 |
| Jan. 15 | | 68.0 | July 13 | | | 41.2 | |
| | 1933 | | | | Sep. 14 | | 41.9 |
| C-855f-L-13 | Apr. 28 | a | 25.3 | | Oct. 26 | | 36.2 |
| | Dec. 20 | a | 23.4 | | Dec. 7 | | 33.4 |
| *C-856c-L-13 | Jan. 27 | b | 24.7 | | Dec. 28 | | 26.3 |
| | Feb. 27 | b | 24.8 | | 1934 | | |
| | Mar. 17 | b | 24.0 | Jan. 16 | | 24.3 | |
| | | | | | 1933 | | |
| C-857-K-13 | Jan. 6 | a | 35.4 | C-863-K-12 | Apr. 24 | a | 31.4 |
| | Apr. 26 | a | 33.0 | | Nov. 28 | a | 31.2 |

* Beginning Apr. 4, 1932, ref. pt. is top of casing 0.3 foot below ground. Elev. 74.7.

** Beginning Mar. 25, 1932, ref. pt. is at end of 3/4 inch pipe in concrete at pump base. Elev. 86.6.

a Measurement from Los Angeles County Flood Control District.

b Measurement from Orange County Flood Control District.

c Motor warm.

Measurements from San Gabriel Valley Protective Association except as noted.

| | | | Dist.R.P. to water surface | | | | Dist.R.P. to water surface |
|-------------|---------|------|----------------------------------|-------------|---------|------|----------------------------------|
| Well Number | Date | | Feet | Well Number | Date | | Feet |
| | 1933 | | | | 1933 | | |
| C-865-K-11 | Apr. 24 | a | 39.2 | C-874-K-11 | Jan. 13 | | 33.4 |
| | Nov. 28 | a | 43.1 | | Feb. 15 | | 31.5 |
| C-866-K-11 | Apr. 21 | a | 34.9 | | Mar. 29 | | 35.2 |
| | Nov. 27 | a | 37.9 | | May 24 | | 40.4 |
| C-872-K-11 | Jan. 13 | | 26.5 | | June 24 | | 41.0 |
| | Feb. 15 | | 23.8 | | Aug. 24 | | 45.7 |
| | Mar. 29 | | 27.5 | | Sep. 14 | | 42.3 |
| | May 24 | | 32.1 | | Oct. 5 | | 42.9 |
| | June 24 | | 33.7 | | Nov. 16 | | 39.1 |
| | Aug. 23 | | 35.8 | | Dec. 8 | | 38.1 |
| | Sep. 14 | | 34.5 | | Dec. 28 | | 35.3 |
| | Oct. 5 | | 34.0 | | | | |
| | Oct. 26 | | 33.7 | | 1934 | | |
| | Nov. 16 | | 31.5 | | Jan. 16 | | 33.9 |
| | Dec. 7 | | 29.9 | | | | |
| | Dec. 28 | | 27.7 | | 1933 | | |
| C-872a-K-11 | Jan. 4 | | 17.8 | C-877d-L-11 | Jan. 13 | | 10.5 |
| | Jan. 13 | | 18.0 | | Feb. 15 | | 8.0 |
| | Feb. 1 | | 16.2 | | Mar. 29 | | 11.2 |
| | Mar. 1 | | 18.0 | | May 13 | | 13.4 |
| | Apr. 5 | | 20.8 | | June 24 | | 18.8 |
| | May 3 | | 21.7 | | Aug. 24 | | 21.8 |
| | June 7 | | 23.2 | | Sep. 14 | | 19.6 |
| | July 5 | | 27.8 | | Oct. 5 | | 18.8 |
| | Aug. 7 | | 27.8 | | Nov. 16 | | 16.1 |
| | Sep. 4 | | 27.3 | | Dec. 7 | | 13.9 |
| | Oct. 2 | | 25.2 | | Dec. 29 | | 11.4 |
| | Nov. 6 | | 23.8 | | | | |
| | Dec. 4 | | 22.7 | | 1934 | | |
| | Dec. 27 | | 20.4 | | Jan. 18 | | 10.0 |
| | | | | | | | |
| | 1934 | | | | 1933 | | |
| Jan. 3 | | 19.6 | C-885-a-L-11 | Jan. 6 | | 9.1 | |
| Jan. 24 | | 19.1 | | Feb. 15 | | 7.5 | |
| | | | | Mar. 8 | | 10.5 | |
| | | | | Mar. 29 | | 9.5 | |
| | | | | May 13 | | 12.9 | |
| | | | | June 24 | | 18.4 | |

a Measurement from Los Angeles County Flood Control District.
 Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|------------|----------------------------------|---------------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| C-885c-L-11 | Jan. 6 | 5.9 | C-891-L-13 cont. | July 21 b | 37.9 |
| | Feb. 15 | 4.4 | | Aug. 11 b | 37.9 |
| | Mar. 8 | 6.3 | | Sep. 1 b | 35.2 |
| | Mar. 29 | 5.4 | | Oct. 31 b | 26.5 |
| | May 13 | 8.7 | | Dec. 20 a | 19.6 |
| | June 24 | 13.6 | C-894-L-13 | Jan. 6 | 21.6 |
| | Aug. 24 | 17.2 | | Feb. 9 | 18.3 |
| | Sep. 14 | 15.4 | | Mar. 31 | 22.6 |
| | Oct. 5 | 14.3 | | May 11 | 26.8 |
| | Nov. 16 | 12.7 | | June 22 | 35.7 |
| | Dec. 7 | 10.4 | | Aug. 25 | 39.4 |
| | Dec. 29 | 8.6 | | Sep. 14 | 35.8 |
| | 1934 | | | Oct. 6 | 36.9 |
| | Jan. 18 | 6.7 | | Nov. 16 | 31.7 |
| | | | | Dec. 28 | 26.2 |
| | 1933 | | | 1934 | |
| C-885e-L-11 | Jan. 6 | 7.5 | | Jan. 16 | 21.3 |
| | Feb. 15 | 6.1 | | | |
| | Mar. 29 | 8.5 | | 1933 | |
| | May 13 | 12.5 | | | |
| | Aug. 24 | 21.9 | C-895-L-14 | Mar. 1 b | 18.3 |
| | Oct. 5 | 17.5 | | Mar. 17 b | 17.4 |
| | Nov. 16 | 15.0 | | Apr. 24 b | 43.2 |
| | Dec. 7 | 12.7 | | Aug. 11 b | 35.6 |
| | Dec. 29 | 8.9 | | Nov. 2 b | 30.5 |
| | | | | Dec. 29 a | 30.5 |
| | 1934 | | | | |
| | Jan. 18 | 7.4 | C-896-L-13 | Jan. 6 | 12.0 |
| | | | | Feb. 9 | 9.0 |
| | | | | Mar. 31 | 12.1 |
| | | | | May 11 | 20.0 |
| | | | | June 22 | 30.1 |
| | | | | Aug. 25 | 33.7 |
| | | | | Sep. 15 | 31.0 |
| | | | | Oct. 6 | 29.4 |
| | | | | Nov. 16 | 23.8 |
| | | | | Dec. 28 | 16.3 |
| | 1933 | | | 1934 | |
| C-836a-L-11 | Nov. 28 a | 21.8 | | Jan. 16 | 12.7 |
| C-837-L-12 | Apr. 25 a | 19.1 | | | |
| | Dec. 6 a | 17.1 | | | |
| C-891-L-13 | Jan. 27 b | 13.6 | | | |
| | Feb. 27 b | 15.7 | | | |
| | Mar. 17 b | 11.3 | | | |
| | Apr. 24 bc | 28.2 | | | |

a Measurement from Los Angeles County Flood Control District.

b Measurement from Orange County Flood Control District.

c Shut down companion well 5 minutes.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|---------|----------------------------------|-------------|-------------|---------|----------------------------------|-------------|
| | | | <u>Feet</u> | | | | <u>Feet</u> |
| | 1933 | | | | 1933 | | |
| C-896e-M-13 | Jan. 27 | ab | 17.0 | C-900h-M-13 | Jan. 27 | a | 7.9 |
| | Feb. 27 | ab | 16.4 | | Feb. 27 | a | 8.3 |
| | Mar. 17 | a | 12.7 | | Mar. 17 | a | 2.4 |
| | Apr. 20 | a | 26.0 | | Apr. 19 | a | 19.0 |
| | July 13 | a | 34.6 | | July 17 | a | 30.0 |
| | Aug. 10 | a | 37.2 | | Aug. 8 | a | 31.0 |
| | Aug. 29 | ab | 39.2 | | Aug. 29 | a | 29.6 |
| | Oct. 30 | a | 29.2 | | Oct. 27 | a | 24.1 |
| | Dec. 26 | a | 22.1 | | Dec. 26 | a | 14.1 |
| C-897k-M-13 | Jan. 27 | a | 7.1 | C-901g-M-12 | Apr. 25 | c | 22.6 |
| | Feb. 27 | a | 7.7 | | Dec. 6 | c | 18.3 |
| | Mar. 17 | a | 3.9 | C-902a-L-11 | Jan. 6 | | 9.5 |
| | Apr. 20 | a | 20.1 | | Feb. 5 | | 8.4 |
| | July 17 | a | 30.3 | | Mar. 29 | | 7.5 |
| | Aug. 29 | a | 30.3 | | May 13 | | 13.6 |
| | Oct. 27 | a | 22.6 | | June 24 | | 13.9 |
| | Dec. 26 | a | 14.3 | | Aug. 3 | | 16.4 |
| C-899i-M-13 | Apr. 30 | a | 21.5 | | Sep. 14 | | 16.4 |
| | July 17 | a | 31.0 | | Oct. 5 | | 17.4 |
| | Aug. 8 | a | 32.5 | Nov. 16 | | 17.4 | |
| | Aug. 29 | a | 30.2 | Dec. 7 | | 14.6 | |
| | Oct. 27 | a | 23.6 | Dec. 29 | | 13.5 | |
| | Dec. 26 | a | 13.6 | | | | |
| C-900-M-13 | Jan. 5 | | 22.9 | | 1934 | | |
| | Feb. 1 | | 21.0 | | Jan. 18 | | 13.6 |
| | Mar. 2 | | 21.0 | | | | |
| | Apr. 6 | | 18.3 | | 1932 | | |
| | May 4 | | 23.6 | | | | |
| | June 1 | | 28.7 | C-907f-M-11 | June 20 | d | 15.9 |
| | July 13 | | 34.2 | | Nov. 29 | c | 13.1 |
| | Aug. 3 | | 36.9 | | | | |
| | Sep. 15 | | 33.7 | | 1933 | | |
| | Oct. 5 | | 31.5 | | | | |
| | Nov. 17 | | 27.5 | | Apr. 20 | d | 11.4 |
| | Dec. 28 | | 19.0 | | | | |
| | | | | C-903b-M-12 | Apr. 25 | c | 27.0 |
| | | | | | Dec. 6 | c | 30.7 |
| | 1934 | | | | | | |
| | Jan. 16 | | 15.5 | | | | |

a Measurement from Orange County Flood Control District.

b Shut down 3 minutes.

c Measurement from Los Angeles County Flood Control District.

d Measurement from Pasadena Water Department.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|--------------|-----------|---|-------------|---------|---|
| | 1933 | | | 1933 | |
| C-909-N-13 | Jan. 6 a | 3.9 | C-910b-O-13 | Mar. 13 | +3.5 |
| | Feb. 2 | 2.6 | cont. | Mar. 16 | +3.0 |
| | Mar. 8 | 2.3 | | Apr. 27 | 2.1 |
| | Mar. 15 | +2.0 | | July 18 | 5.6 |
| | Apr. 24 | 11.4 | | Aug. 10 | 6.2 |
| | July 17 | 20.2 | | Aug. 29 | 6.4 |
| | Aug. 8 | 21.9 | | Oct. 7 | 8.1 |
| | Aug. 29 | 20.7 | | Oct. 14 | 8.1 |
| | Nov. 2 | 17.1 | | Nov. 6 | 6.7 |
| C-909c-M-12 | Jan. 5 b | 21.5 | | 1932 | |
| | Feb. 2 b | 20.5 | | | |
| | Feb. 16 b | 19.8 | C-910d-O-12 | Dec. 21 | 36.2 |
| | Mar. 1 b | 20.4 | | 1933 | |
| | Apr. 6 b | 30.1 | | | |
| | May 3 b | 27.3 | | Mar. 9 | 24.8 |
| | June 7 b | 39.6 | | Mar. 16 | 23.9 |
| | July 5 b | 41.7 | | Apr. 27 | 27.6 |
| | Aug. 2 b | 44.4 | | July 18 | 30.7 |
| | Sep. 6 b | 42.8 | | Aug. 10 | 32.0 |
| | Oct. 4 b | 38.6 | | Aug. 29 | 33.4 |
| | Nov. 1 b | 36.5 | | Nov. 6 | 39.1 |
| | Dec. 6 b | 33.7 | | | |
| | 1934 | | C-910j-O-12 | Feb. 2 | 10.7 |
| | Jan. 3 b | 26.1 | | Mar. 9 | 10.7 |
| | Jan. 24 b | 24.8 | | Mar. 13 | 8.0 |
| | 1932 | | | Apr. 27 | 12.1 |
| *C-910b-O-13 | July 15 | 3.5 | | July 18 | 14.8 |
| | Aug. 8 | 4.3 | | Aug. 12 | 15.6 |
| | Sep. 13 | 5.7 | | Sep. 2 | 16.2 |
| | Oct. 25 | 8.1 | | Oct. 14 | 18.0 |
| | Nov. 19 | 5.9 | | Nov. 18 | 24.3 |
| | Dec. 16 | 3.0 | | Dec. 9 | 15.3 |
| | Dec. 23 | 2.5 | | Dec. 30 | 13.0 |
| | 1933 | | C-910n-O-12 | Feb. 2 | 3.8 |
| | Feb. 2 | 0.0 | | Mar. 9 | 10.1 |
| | Mar. 7 | +0.2 | | Mar. 16 | 0.3 |
| | Mar. 12 | +3.3 | | Apr. 27 | 5.4 |
| | | | | July 18 | 5.7 |
| | | | | Aug. 10 | 6.2 |
| | | | | Aug. 31 | 6.4 |
| | | | | Nov. 6 | 8.8 |

* Ref. Pt. (b) in Bulletin No. 39 used. Elev. 8.1.

a Measurement from Los Angeles County Flood Control District.

b Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District except as noted.

| Dist.R.P. to water surface | | | Dist.R.P. to water surface | | |
|----------------------------------|---------|-------------|----------------------------------|---------|-------------|
| Well Number | Date | <u>Feet</u> | Well Number | Date | <u>Feet</u> |
| 1933 | | | 1933 | | |
| C-911-O-13 | Feb. 2 | 2.6 | C-912c-O-13 | Nov. 17 | a 15.0 |
| | Mar. 2 | 2.0 | cont. | Dec. 5 | a 15.7 |
| | Mar. 15 | *1.2 | | Dec. 25 | a 11.7 |
| | Apr. 14 | 4.2 | | | |
| | July 18 | 9.3 | | 1934 | |
| | Aug. 10 | 10.1 | | | |
| | Aug. 29 | 10.3 | | Jan. 16 | a 9.3 |
| | Sep. 15 | a 11.0 | | | |
| | Oct. 6 | a 10.9 | | 1932 | |
| | Nov. 6 | 9.7 | | | |
| | Dec. 28 | a 6.1 | C-912e-O-13 | Feb. 22 | a 1.2 |
| 1934 | | | 1933 | | |
| | Jan. 16 | a 3.8 | | Mar. 10 | 2.3 |
| | | | | Mar. 16 | +0.2 |
| | 1932 | | | July 19 | 7.3 |
| *C-912b-O-13 | Dec. 21 | 15.9 | | Aug. 7 | 6.2 |
| | | | | Sep. 7 | 10.9 |
| | 1933 | | | Oct. 25 | 13.0 |
| | | | | Dec. 23 | 9.5 |
| | Mar. 10 | 15.8 | | 1932 | |
| | Mar. 15 | 11.7 | | | |
| | July 14 | 25.2 | C-912h-N-13 | Dec. 22 | 11.1 |
| | Aug. 5 | 26.6 | | | |
| | Sep. 2 | 27.2 | | 1933 | |
| | Oct. 7 | 27.6 | | | |
| | Oct. 24 | 23.1 | | Mar. 6 | 9.0 |
| | Nov. 4 | 24.0 | | Mar. 15 | 4.8 |
| | Dec. 2 | 24.8 | | Apr. 24 | 17.6 |
| | Dec. 30 | 18.1 | | July 17 | 24.4 |
| | 1934 | | | Aug. 8 | 25.4 |
| | | | | Aug. 29 | 24.6 |
| | Jan. 13 | 18.0 | | Nov. 6 | 20.5 |
| | 1933 | | C-913c-N-11 | Jan. 30 | b 37.0 |
| | | | | Apr. 24 | b 37.1 |
| C-912c-O-13 | Feb. 3 | a 5.5 | **C-914b-N-12 | Mar. 8 | 20.3 |
| | Mar. 30 | a 9.6 | | Apr. 26 | 26.5 |
| | May 11 | a 14.9 | | Aug. 10 | 27.2 |
| | Aug. 25 | a 21.5 | | Aug. 29 | 27.1 |
| | Oct. 6 | a 20.7 | | Nov. 6 | 26.4 |
| | | | | Dec. 23 | b 23.2 |

* Elevation of reference point is 33.2

** Ref. pt. is hole in pump base, 1 foot above ground, in pump house.
Elev. 36.9

a Measurement from San Gabriel Valley Protective Association.

b Measurement from Los Angeles County Flood Control District.

Measurements from Orange County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|--------------|-----------|----------------------------------|--|-------------|----------|----------------------------------|--|
| | | <u>Feet</u> | | | | <u>Feet</u> | |
| | 1933 | | | | 1933 | | |
| C-916-N-12 | Mar. 18 a | 10.9 | | C-927k-N-14 | Jan. 5 | 26.4 | |
| | Apr. 21 a | 14.5 | | | Feb. 2 | 23.4 | |
| | Dec. 8 a | 17.8 | | | Mar. 2 | 24.4 | |
| C-916g-N-12 | Mar. 18 a | 5.2 | | | Apr. 6 | 28.9 | |
| | Apr. 20 a | 6.6 | | | May 4 | 33.7 | |
| | Dec. 8 a | 14.1 | | | June 1 | 36.5 | |
| C-926-M-11 | | | | | July 6 | 48.9 | |
| | Jan. 4 | 60.3 | | | Aug. 2 | 44.1 | |
| | Feb. 1 | 54.9 | | | Sep. 6 | 40.2 | |
| | Mar. 1 | 53.4 | | | Oct. 4 | 40.3 | |
| | Apr. 5 | 54.4 | | | Nov. 1 | 35.7 | |
| | May 3 | 60.4 | | | Dec. 6 | 34.3 | |
| | June 7 | 58.7 | | | Dec. 27 | 28.9 | |
| | July 5 | 57.6 | | | 1934 | | |
| | Aug. 2 | 61.1 | | | Jan. 3 | 27.6 | |
| | Sep. 6 | 65.6 | | | Jan. 24 | 26.4 | |
| | Oct. 4 | 65.8 | | | 1933 | | |
| | Nov. 1 | 66.1 | | | | | |
| | Dec. 6 | 65.5 | | | | | |
| Dec. 27 | 59.6 | | | | | | |
| | 1934 | | | C-929f-L-11 | Jan. 4 | 45.1 | |
| | Jan. 3 | 58.6 | | | Feb. 1 | 40.4 | |
| | Jan. 24 | 56.5 | | | Mar. 1 | 36.6 | |
| | 1933 | | | | Apr. 5 | 33.8 | |
| C-927a-N-14 | Feb. 2 b | 31.7 | | | May 3 | 35.6 | |
| | Mar. 10 b | 34.5 | | | June 7 | 38.8 | |
| | Sep. 5 b | 52.6 | | | July 5 | 40.4 | |
| | Dec. 22 b | 39.4 | | | Aug. 2 | 42.4 | |
| *C-927c-N-14 | | | | | Sep. 6 | 42.2 | |
| | Feb. 2 b | 27.4 | | | Oct. 4 | 42.8 | |
| | Mar. 2 b | 28.3 | | | Nov. 1 | 41.0 | |
| | Mar. 15 b | 26.3 | | | Dec. 6 | 39.1 | |
| | July 13 b | 46.4 | | | Dec. 27 | 36.9 | |
| | Aug. 4 b | 49.6 | | | 1934 | | |
| | Sep. 5 b | 45.5 | | | Jan. 24 | 34.6 | |
| | Oct. 24 b | 43.2 | | | 1933 | | |
| Dec. 22 b | 34.3 | | | | | | |
| | | | | C-937b-N-11 | Dec. 8 a | 31.9 | |

*Beginning Dec. 22, 1932, ref. pt. is $\frac{1}{2}$ inch plug hole in discharge pipe, 1.0 foot above concrete base and block. Elev. 46.3.

a Measurement from Pasadena Water Department.

b Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|--------------|---------|---|-------------|---------|---|
| 1933 | | | 1934 | | |
| *C-938c-N-11 | May 3 | 15.7 | C-942a-K-14 | Jan. 16 | 67.9 |
| | June 7 | 18.3 | cont. | | |
| | July 5 | 17.6 | | 1933 | |
| | Aug. 2 | 19.4 | | | |
| | Sep. 6 | 18.7 | C-948f-L-14 | Jan. 27 | a 35.1 |
| | Oct. 4 | 18.7 | | Mar. 1 | a 33.6 |
| | Nov. 1 | 18.8 | | Mar. 20 | a 32.8 |
| | Dec. 6 | 17.3 | | Apr. 20 | b 34.4 |
| | Dec. 27 | 16.2 | | Dec. 8 | bc |
| 1934 | | | 1932 | | |
| | Jan. 3 | 15.8 | C-946n-L-14 | Nov. 4 | a 40.6 |
| | Jan. 24 | 14.2 | | | |
| 1933 | | | 1933 | | |
| C-940b-N-12 | July 13 | 19.6 | | Mar. 1 | a 33.6 |
| | Aug. 25 | 21.5 | | Mar. 18 | a 31.7 |
| | Sep. 15 | 20.9 | | July 21 | a 41.4 |
| | Oct. 5 | 20.7 | | Aug. 11 | a 41.8 |
| | Nov. 17 | 18.7 | | Sep. 1 | a 44.1 |
| | Dec. 8 | 15.9 | | Nov. 2 | a 43.4 |
| | Dec. 29 | 13.8 | C-949-M-14 | Jan. 27 | a 16.2 |
| 1934 | | | | Feb. 27 | ad 18.7 |
| | Jan. 18 | 11.0 | | Mar. 17 | a 14.2 |
| 1933 | | | | July 11 | a 19.3 |
| C-942a-K-14 | Jan. 6 | 66.4 | | Aug. 3 | a 21.2 |
| | Feb. 9 | 65.1 | | Sep. 5 | a 20.4 |
| | Mar. 31 | 64.8 | | Oct. 26 | a 20.2 |
| | May 1 | 66.6 | | Dec. 21 | a 18.4 |
| | Aug. 24 | 72.0 | C-949c-M-14 | Jan. 27 | a 22.5 |
| | Sep. 14 | 72.4 | | Feb. 27 | a 24.1 |
| | Oct. 6 | 71.7 | | Mar. 16 | a 21.1 |
| | Nov. 16 | 70.9 | | July 11 | ae 32.4 |
| | Dec. 28 | 69.0 | | Aug. 1 | ae 33.4 |
| | | | | Sep. 5 | a 28.6 |
| | | | | Oct. 26 | a 28.4 |
| | | | | Dec. 21 | a 25.1 |

* Beginning Feb. 17, 1932, ref. pt. is top of 1" x 6" boards on top of platform, 0.07 foot above old ref. pt. Elev. 26.1

a Measurement from Orange County Flood Control District.

b Measurement from Pasadena Water Department.

c Casing collapsed on pump at 42 feet. Dry at 42 feet.

d Pumping.

e Windmill pumping.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|--------------|------------|---|-------------|------------|---|
| C-950a-M-14 | 1933 | | C-950p-L-14 | 1933 | |
| | Feb. 3 | 42.7 | | Jan. 27 ac | 26.7 |
| | Mar. 30 | 52.5 | | Mar. 1 ac | 26.7 |
| | May 13 | 59.6 | | Mar. 17 ac | 25.4 |
| | Aug. 25 | 70.9 | | Apr. 21 a | 36.9 |
| | Sep. 15 | 68.6 | | July 18 a | 45.0 |
| | Oct. 6 | 67.8 | | Aug. 10 a | 47.2 |
| | Oct. 27 | 62.0 | | Aug. 31 a | 46.3 |
| | Nov. 16 | 61.7 | | Dec. 28 a | 32.8 |
| | Dec. 3 | 58.0 | | | |
| | Dec. 28 | 50.7 | C-957-H-11 | Jan. 31 d | 84.0 |
| | 1934 | | | Feb. 28 d | 85.0 |
| | Jan. 16 | 48.8 | | Mar. 31 d | 85.0 |
| | 1933 | | | Apr. 30 d | 85.0 |
| C-950d-M-13 | Aug. 8 a | 25.0 | | May 31 d | 86.0 |
| | Aug. 29 a | 24.4 | | June 30 d | 86.0 |
| | Oct. 26 a | 22.3 | | Aug. 1 d | 86.5 |
| | Dec. 26 a | 15.7 | | Aug. 31 d | 86.0 |
| *C-950e-M-13 | Apr. 19 a | 23.4 | C-958-I-11 | Sep. 30 d | 86.5 |
| | July 17 a | 34.2 | | Oct. 31 d | 86.8 |
| | Aug. 8 a | 35.8 | | Nov. 30 d | 87.0 |
| | Aug. 29 a | 36.1 | | Dec. 31 d | 87.3 |
| | Oct. 27 a | 33.4 | | | |
| | Dec. 26 a | 28.0 | | | |
| C-950n-M-14 | Jan. 27 a | 38.2 | | Jan. 31 d | 138.0 |
| | Feb. 27 a | 37.6 | | Feb. 28 d | 137.5 |
| | Mar. 13 a | 35.4 | | Mar. 31 d | 138.0 |
| | Mar. 17 a | 38.1 | | Apr. 30 d | 139.1 |
| | Apr. 14 a | 55.9 | | May 31 d | 139.1 |
| | July 11 ab | 65.1 | | June 30 d | 139.1 |
| | Aug. 3 a | 66.6 | | Aug. 1 d | 142.0 |
| | Sep. 5 a | 61.8 | | Aug. 31 d | 141.4 |
| | Oct. 26 a | 58.2 | | Sep. 30 d | 141.3 |
| | Dec. 21 a | 46.2 | | Oct. 31 d | 142.0 |
| | | | | Nov. 30 d | 142.8 |
| | | | | Dec. 31 d | 142.0 |

* Ref. pt. is top of $\frac{1}{2}$ inch stud bolt hole in discharge flange, 1.04 feet above I beams. Elev. 49.2.

a Measurement from Orange County Flood Control District.

b Pumping 300 feet east.

c Ref. pt. is top of blocks, 0.1 foot higher than casing. Elev. 63.2.

d Measurement from California Water Service Company.

Measurements from San Gabriel Valley Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|---------|---|-------------|---------|---|
| | 1933 | | | 1933 | |
| C-960-I-11 | Jan. 31 | 113.0 | C-964c-I-11 | Jan. 31 | 140.0 |
| | Mar. 31 | 114.0 | | Mar. 31 | 139.0 |
| | May 31 | 116.5 | | May 31 | 142.5 |
| | Aug. 1 | 119.0 | | Aug. 1 | 144.5 |
| | Aug. 31 | 120.0 | | Aug. 31 | 146.8 |
| | Oct. 31 | 117.0 | | Oct. 31 | 146.0 |
| | Dec. 31 | 116.0 | | Dec. 31 | 144.2 |
| C-961-I-11 | Jan. 31 | 114.0 | C-965-I-11 | Jan. 31 | 70.5 |
| | Mar. 31 | 115.0 | | Mar. 31 | 74.0 |
| | May 31 | 116.5 | | May 31 | 77.0 |
| | Aug. 1 | 119.0 | | Aug. 31 | 79.8 |
| | Aug. 31 | 120.0 | | Oct. 31 | 78.3 |
| | Oct. 31 | 120.0 | | Dec. 31 | 76.0 |
| | Dec. 31 | 119.0 | | | |
| C-962-I-11 | Jan. 31 | 114.0 | C-966-I-11 | Jan. 31 | 68.0 |
| | Feb. 28 | 113.5 | | Mar. 31 | 70.0 |
| | Mar. 31 | 116.0 | | May 31 | 75.0 |
| | May 31 | 120.0 | | Aug. 31 | 80.0 |
| | Aug. 1 | 123.0 | | Oct. 31 | 76.0 |
| | Oct. 31 | 123.0 | | Nov. 30 | 75.0 |
| | Nov. 30 | 122.5 | | Dec. 31 | 72.0 |
| | Dec. 31 | 119.5 | C-966a-I-11 | Apr. 18 | a 49.2 |
| C-962c-I-11 | Jan. 31 | 98.0 | | Nov. 21 | a 51.7 |
| | Mar. 31 | 99.0 | C-968-K-15 | Jan. 16 | b 61.3 |
| | May 31 | 100.0 | | Mar. 28 | b 61.8 |
| | Aug. 1 | 98.0 | | May 26 | b 60.4 |
| | Aug. 31 | 100.0 | | July 28 | b 59.3 |
| | Oct. 31 | 101.5 | | Sep. 19 | b 59.0 |
| | Nov. 30 | 100.8 | | | |
| | Dec. 31 | 101.0 | | 1932 | |
| C-963-I-11 | Jan. 31 | 140.2 | C-969-K-16 | Sep. 1 | b 100.0 |
| | Feb. 28 | 138.0 | | Sep. 24 | b 105.0 |
| | Mar. 31 | 134.0 | | Oct. 18 | b 100.5 |
| | May 31 | 134.0 | | | |
| | Aug. 1 | 136.0 | | 1933 | |
| | Aug. 31 | 135.3 | | Mar. 28 | b 78.9 |
| | Oct. 31 | 136.8 | | May 26 | b 95.9 |
| | Nov. 30 | 138.0 | | July 28 | b 87.6 |
| | Dec. 31 | 137.5 | | | |

a Measurement from Los Angeles County Flood Control District.

b Measurement from Orange County Flood Control District.

Measurements from California Water Service Company except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|--------------|---------|----------------------------------|-------|---------------|-------------|----------------------------------|-------|
| | | Feet | | | | Feet | |
| | 1932 | | | | 1933 | | |
| C-973b-L-16 | Nov. 9 | | 90.9 | **C-975a-L-15 | Jan. 10 | | 98.6 |
| | | | | | Feb. 23 | | 97.2 |
| | 1933 | | | | Mar. 20 | | 97.4 |
| | Mar. 22 | | 91.8 | | Apr. 14 | | 100.7 |
| *C-974g-L-16 | Mar. 22 | | 133.6 | | May 29 | | 103.0 |
| | 1932 | | | | Julv 10 | | 104.5 |
| C-974m-L-16 | Apr. 1 | a | 148.0 | | July 31 | | 106.3 |
| | May 1 | a | 150.0 | | Sep. 11 | | 109.0 |
| | June 1 | a | 151.0 | | Oct. 19 | | 106.4 |
| | July 1 | a | 152.0 | | Dec. 18 | | 104.4 |
| | Aug. 1 | a | 155.0 | | | | |
| | Sep. 1 | a | 158.0 | | C-975b-L-15 | Jan. 10 | 65.2 |
| | Oct. 1 | a | 158.0 | | | Feb. 23 | 65.3 |
| | Nov. 1 | a | 157.0 | | | Mar. 21 | 65.3 |
| | Dec. 1 | a | 157.0 | | | May 29 | 65.4 |
| | 1933 | | | | | July 10 | 65.8 |
| | Jan. 1 | a | 157.0 | | | July 31 | 65.8 |
| | Feb. 1 | a | 157.0 | | | Sep. 11 | 65.6 |
| | Mar. 1 | a | 150.0 | | | Oct. 19 | 66.5 |
| | Apr. 1 | a | 150.0 | | | Dec. 18 | 65.9 |
| | May 1 | a | 153.0 | | | | |
| | | | | | 1932 | | |
| | Jan. 16 | | 164.4 | | C-975L-L-15 | Nov. 7 | 96.9 |
| | Feb. 15 | | 163.0 | | | Dec. 15 | 94.4 |
| | Mar. 1 | | 162.1 | | | | |
| | Apr. 1 | | 162.3 | | | 1933 | |
| | May 15 | | 163.2 | | | Mar. 20 | 92.7 |
| | June 1 | | 164.8 | | | | |
| | July 1 | b | 170.0 | | C-975n-L-16 | Jan. 10 | 132.4 |
| | Aug. 2 | c | 175.3 | | | Feb. 23 | 132.2 |
| | Sep. 1 | c | 177.3 | | | Mar. 21 | 131.7 |
| | Nov. 1 | d | 173.6 | | | May 29 | 132.0 |
| | Dec. 1 | d | 173.7 | | | July 29 | 133.4 |
| | Dec. 20 | d | 172.4 | | | Aug. 19 | 133.7 |
| | | | | | | Sep. 11 | 134.4 |
| | | | | | | Oct. 19 | 135.2 |
| | | | | | | Dec. 18 | 136.1 |

* Elevation of reference point, 218.5

** Ref. pt. (c) in Bulletin No. 39 used. Elev. 133.4.

a Measurement by owner and obtained from Orange County Flood Control District.

c Crowther No. 3 pumping.

c Crowther No. 6 pumping 30 feet west.

d All wells in tract shut down.

Measurements from Orange County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|--------------|---------|----------------------------------|-------------|---------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| C-978-M-16 | Jan. 9 | 144.0 | C-981p-M-14 | Jan. 27 | 31.2 |
| | Feb. 14 | 142.3 | | Mar. 2 | 30.4 |
| | Mar. 24 | 143.5 | | Mar. 20 | 29.2 |
| | May 25 | 147.7 | | Apr. 21 | 33.6 |
| | Sep. 14 | 154.8 | | July 18 | 37.4 |
| | Dec. 11 | 152.1 | | Aug. 10 | 38.5 |
| C-978a-M-16 | Sep. 2 | 135.1 | C-982a-M-14 | Aug. 31 | 38.5 |
| | Oct. 14 | 139.2 | | Oct. 30 | 37.7 |
| | Nov. 4 | 136.1 | | Dec. 28 | 34.9 |
| | Dec. 14 | 130.2 | | Feb. 2 | a 32.4 |
| | Dec. 30 | 127.7 | | Mar. 31 | a 34.3 |
| | | | | May 12 | a 35.7 |
| | 1934 | | | 1932 | |
| | Jan. 13 | 126.6 | C-982L-M-14 | Feb. 19 | 41.1 |
| | 1933 | | | Mar. 1 | 40.7 |
| *C-979b-M-15 | June 1 | 102.3 | | Apr. 4 | 42.0 |
| | July 11 | 105.0 | | May 4 | 43.9 |
| | Aug. 1 | 107.1 | | June 16 | 45.8 |
| | Sep. 11 | 106.4 | | July 12 | 48.8 |
| | Oct. 20 | 107.4 | | Aug. 5 | 48.4 |
| | Dec. 21 | 101.4 | | Sep. 8 | 47.9 |
| C-979c-M-15 | Mar. 23 | 100.5 | | Oct. 21 | 48.6 |
| | June 1 | 104.1 | | Dec. 22 | 45.1 |
| | July 11 | 105.0 | | 1933 | |
| | Aug. 1 | 107.4 | | Jan. 27 | 43.3 |
| | Sep. 11 | 108.0 | | Feb. 27 | 42.8 |
| | Oct. 20 | 108.9 | | Mar. 17 | 43.8 |
| | Dec. 13 | 108.1 | | July 13 | 47.4 |
| | Dec. 21 | 107.6 | | Aug. 1 | 50.1 |
| | 1932 | | | Sep. 5 | 50.8 |
| | | | | Oct. 26 | 49.8 |
| | | | | Dec. 21 | 46.3 |
| C-979h-M-15 | Nov. 16 | ab 104.8 | | | |
| | 1933 | | | | |
| | Mar. 21 | a 98.2 | | | |

* Beginning June 1, 1933, ref. pt. is top of wooden base, 0.38 foot above concrete floor, 0.5 foot above ground. Elev. 125.5

a Measurement from San Gabriel Valley Protective Association.

b Pumping intermittently.

Measurements from Orange County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|---------|---|---------------|---------|---|
| 1933 | | | 1933 | | |
| *C-983-M-14 | Jan. 27 | 45.1 | C-984b-N-14 | June 21 | 46.6 |
| | Feb. 27 | 44.7 | cont. | July 26 | 48.6 |
| | Mar. 13 | 44.7 | | Aug. 23 | 48.4 |
| | Mar. 17 | 44.9 | | Sep. 13 | 46.0 |
| | July 11 | 44.8 | | Oct. 4 | 47.0 |
| | Aug. 1 | 49.7 | | Nov. 1 | 42.6 |
| | Sep. 5 | 50.0 | | Dec. 6 | 42.2 |
| | Oct. 26 | 50.3 | | Dec. 27 | 37.8 |
| | Dec. 21 | 48.0 | | | |
| | | | 1934 | | |
| C-983a-M-14 | Aug. 1 | 74.3 | | Jan. 10 | 36.3 |
| | Sep. 5 | 69.7 | | Feb. 7 | 36.0 |
| | Oct. 26 | 68.8 | | | |
| | Dec. 21 | 63.3 | | | |
| | | | 1933 | | |
| C-983e-M-15 | June 1 | 92.0 | C-985-N-14 | Mar. 10 | 33.6 |
| | July 11 | 95.9 | | Mar. 15 | 27.3 |
| | Dec. 13 | 89.2 | | July 25 | 41.1 |
| | Dec. 21 | 87.3 | | Aug. 4 | 42.9 |
| | | | | Sep. 5 | 40.0 |
| C-983p-M-15 | Jan. 13 | 71.0 | C-986-N-14 | Feb. 2 | 42.8 |
| | Feb. 23 | 70.5 | | Mar. 2 | 42.7 |
| | Mar. 21 | 70.3 | | Mar. 15 | 42.1 |
| | June 1 | 71.6 | | July 10 | 47.1 |
| | July 11 | 72.3 | | Aug. 4 | 47.5 |
| | Aug. 1 | 72.8 | | Sep. 5 | 46.8 |
| | Sep. 11 | 73.3 | | Oct. 24 | 47.1 |
| | Oct. 20 | 73.9 | | Dec. 22 | 46.2 |
| | Dec. 21 | 74.1 | | | |
| 1932 | | | C-986c-N-15 | July 14 | 82.2 |
| C-984b-N-14 | Oct. 5 | 41.0 | | Oct. 23 | 84.5 |
| | Nov. 3 | 42.4 | | Dec. 14 | 80.0 |
| | Dec. 7 | 39.6 | **C-986e-N-15 | Jan. 13 | 88.1 |
| | Dec. 21 | 35.8 | | Feb. 24 | 85.9 |
| 1933 | | | | Mar. 13 | 85.5 |
| | Jan. 18 | 34.7 | | July 14 | 92.7 |
| | Feb. 15 | 33.6 | | Aug. 4 | 94.2 |
| | Mar. 14 | 29.8 | | Sep. 8 | 94.2 |
| | Apr. 4 | 37.8 | | Oct. 23 | 94.6 |
| | May 2 | 39.4 | | Dec. 14 | 92.8 |

* Beginning Aug. 5, 1932, ref. pt. is top of casing, 1.3 feet above ground. Elev. 93.4.

**Beginning April 20, 1932, ref. pt. is top of casing, 0.5 foot above ground, elev. 111.0, to and including Feb. 24, 1933; then, edge of clamp, 1.2 feet above ground. Elev. 111.7.

Measurements from Orange County Flood Control District.

| Well Number | Date | Dist. R.P. to water surface <u>Feet</u> | Well Number | Date | Dist. R.P. to water surface <u>Feet</u> |
|-------------|---------|--|---------------|---------|--|
| | 1933 | | | 1933 | |
| C-937-N-14 | Feb. 2 | 43. | *C-992b-P-14 | Feb. 4 | 8.4 |
| | Mar. 10 | 50.3 | | Feb. 28 | 11.9 |
| | Mar. 12 | 42.1 | | Mar. 14 | 10.6 |
| | Mar. 13 | 42.8 | | Mar. 16 | 11.8 |
| | Mar. 16 | 43.6 | | Apr. 15 | 16.8 |
| | July 15 | 59.4 | | July 10 | 17.2 |
| | Aug. 7 | 58.7 | | Aug. 1 | 18.9 |
| | Sep. 7 | 59.0 | | Aug. 31 | 17.7 |
| | Oct. 24 | 56.2 | | Nov. 7 | 16.9 |
| Dec. 22 | 48.7 | | | | |
| | | | 1934 | | |
| C-939j-O-14 | Feb. 2 | 14.8 | | Jan. 15 | 11.2 |
| | Mar. 16 | 16.6 | | | |
| | July 15 | 29.8 | | 1933 | |
| | Aug. 7 | 31.4 | **C-992e-P-13 | Feb. 4 | 3.1 |
| | Sept. 7 | 30.4 | | Feb. 28 | 4.3 |
| | Oct. 25 | 26.9 | | Mar. 14 | 5.0 |
| | Dec. 22 | 20.3 | | Mar. 16 | 5.7 |
| | | July 10 | | 11.7 | |
| C-991e-O-13 | Jan. 5 | a 17.6 | | Aug. 2 | 13.6 |
| | Mar. 2 | a 15.2 | | Aug. 31 | 13.3 |
| | Apr. 6 | a 20.0 | | Nov. 7 | 13.0 |
| | May 4 | a 20.8 | | | |
| | June 1 | a 13.7 | | 1934 | |
| | July 6 | a 15.3 | | Jan. 15 | 6.6 |
| | Sep. 6 | a 18.8 | | | |
| | Oct. 4 | a 20.2 | | 1932 | |
| | Nov. 1 | a 18.3 | ***C-993-P-14 | Feb. 23 | 11.0 |
| | Dec. 6 | a 15.4 | | Mar. 20 | 14.5 |
| | | Mar. 30 | | 13.0 | |
| | | Aug. 16 | | 20.5 | |
| | | Sep. 15 | | 21.1 | |
| | | Oct. 26 | | 19.1 | |
| | | Nov. 25 | | 18.6 | |
| | | Dec. 20 | | 15.5 | |
| | | | | | |
| | 1934 | | | | |
| Jan. 3 | a | 9.8 | | | |
| Jan. 24 | a | 8.7 | | | |

* Beginning Sep. 15, 1932, ref. pt. is plug hole in head, 0.4 foot above concrete bas. Elev. 22.2.

**Beginning July 10, 1933, ref. pt. is top of 1½ inch pipe at concrete base, southeast corner, 1.0 foot above ground. Elev. 15.4 from levels by O. Co.F.C.D. from Local BM. Elevation of ref. pt. in Bulletin No. 39 should read 14.9 from levels by O.Co.F.C.D. from Local BM

***Beginning Sep. 15, 1932, ref.pt. is air line hole on north side, 0.07 foot above concrete base, and 0.6 foot above ground. Elev. 27.9.

a Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|---------------------|---------|----------------------------------|---------------------|---------|----------------------------------|
| | | Feet | | | Feet |
| | 1933 | | | 1934 | |
| C-993-P-14 cont. | Feb. 4 | 13.0 | C-997-P-14 cont. | Jan. 23 | 51.7 |
| | Mar. 14 | 14.6 | | | |
| | Mar. 16 | 16.1 | | 1933 | |
| | Apr. 15 | 21.9 | C-997c-Q-14 | Feb. 4 | 29.0 |
| | July 12 | 22.6 | | Feb. 28 | 28.1 |
| | Aug. 4 | 23.7 | | Mar. 13 | 29.1 |
| | Sep. 5 | 22.8 | | Mar. 15 | 29.5 |
| | Nov. 13 | 21.1 | | Apr. 17 | 30.8 |
| | 1934 | | | July 10 | 29.6 |
| | Jan. 23 | 15.9 | | Nov. 7 | 29.7 |
| | 1933 | | C-997d-Q-14 | Feb. 6 | 45.9 |
| C-995k-P-13 | Feb. 3 | 8.0 | | Feb. 28 | 45.4 |
| | Mar. 13 | 7.5 | | Mar. 13 | 45.5 |
| | Apr. 15 | 8.3 | | Mar. 17 | 45.5 |
| | July 10 | 9.1 | | Apr. 17 | 46.8 |
| | Aug. 5 | 9.4 | | July 10 | 47.5 |
| | Sep. 9 | 9.8 | | Aug. 3 | 48.1 |
| | Oct. 14 | 10.4 | | Sep. 1 | 48.7 |
| | Nov. 4 | 10.1 | | Nov. 7 | 48.9 |
| | Dec. 2 | 10.0 | | 1934 | |
| | Dec. 30 | 9.2 | | Jan. 23 | 47.8 |
| C-995m-P-13 | Feb. 3 | 5.1 | | 1933 | |
| | Feb. 28 | 3.5 | *C-998-P-14 | Feb. 6 | 7.7 |
| | Mar. 13 | 6.7 | | Feb. 28 | 7.0 |
| | Mar. 14 | 6.6 | | Mar. 13 | 9.2 |
| | Mar. 16 | 6.2 | | Apr. 17 | 11.8 |
| C-997-P-14 | Feb. 4 | 52.3 | | July 10 | 15.8 |
| | Feb. 28 | 51.9 | | Aug. 3 | 16.4 |
| | Mar. 13 | 52.2 | | Sep. 1 | 10.2 |
| | Mar. 14 | 52.1 | | Nov. 7 | 13.0 |
| | Mar. 16 | 52.2 | | 1934 | |
| | Apr. 15 | 53.1 | | Jan. 23 | a |
| | July 20 | 53.9 | | | |
| | Aug. 3 | 54.2 | | | |
| | Sep. 1 | 54.9 | | | |
| | Nov. 7 | 54.5 | | | |

* Beginning Sep. 1, 1933, ref. pt. is top of casing, 8.0 feet below ground, 9.45 feet below old concrete base, 10.75 feet below old ref. pt.
Elev. 12.5.

a Pit caved in. Unable to measure.

Measurements from Orange County Flood Control District.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|--------------|---------|---|---------------|----------|---|
| | 1933 | | | 1933 | |
| C-998d-O-15 | Feb. 7 | 29.1 | C-1059-M-17 | Jan. 6 | 182.2 |
| | Feb. 25 | 23.9 | | Feb. 10 | 180.5 |
| | Mar. 12 | 26.4 | | May 24 | 180.5 |
| | Mar. 17 | 29.8 | | July 6 | a 186.7 |
| | Apr. 28 | 37.0 | | Oct. 16 | 191.5 |
| | July 5 | 42.3 | | Dec. 11 | 191.8 |
| | Aug. 1 | 44.4 | | 1932 | |
| | Aug. 31 | 39.0 | | | |
| | Nov. 7 | 38.1 | | | |
| | 1934 | | C-1065-M-16 | Feb. 15 | b 165.7 |
| | Jan. 15 | 31.3 | | Mar. 11 | b 160.3 |
| | 1933 | | | Sept. 29 | 170.3 |
| | | | | Oct. 19 | 169.7 |
| | | | | Dec. 14 | 169.9 |
| | | | | 1933 | |
| C-999f-P-14 | Feb. 28 | 36.5 | | Jan. 9 | 168.5 |
| | Mar. 13 | 36.8 | | Feb. 10 | 166.7 |
| | Mar. 16 | 38.2 | | Mar. 27 | 165.9 |
| | Apr. 17 | 43.4 | | May 25 | 168.8 |
| | July 10 | 42.1 | | July 6 | 172.4 |
| | Sep. 1 | 42.8 | | July 27 | 174.8 |
| | 1934 | | | Sep. 14 | 177.7 |
| | Jan. 23 | 37.7 | | Oct. 16 | 178.4 |
| | 1933 | | | Dec. 11 | 177.6 |
| | | | C-1068-M-17 | Feb. 17 | 26.7 |
| C-1007a-N-13 | Feb. 2 | 7.0 | | Feb. 23 | 26.6 |
| | Mar. 3 | 6.1 | | Mar. 24 | 28.0 |
| | Mar. 15 | 0.5 | | Aug. 15 | 28.5 |
| | 1932 | | C-1073-M-17 | Jan. 6 | 182.8 |
| | | | | Feb. 14 | 180.8 |
| C-1056-M-16 | Apr. 17 | 150.4 | | May 25 | 180.5 |
| | Oct. 5 | 165.9 | | Sep. 14 | c 190.0 |
| | 1933 | | | Oct. 16 | 191.5 |
| | | | | Dec. 11 | c 192.1 |
| | | | *C-1078d-M-17 | Jan. 5 | 185.1 |
| | Jan. 6 | 164.1 | | Feb. 9 | 182.0 |
| | Feb. 14 | 161.9 | | Sep. 17 | 191.5 |
| | Mar. 30 | 164.4 | | Dec. 11 | 196.7 |
| | Sep. 17 | 178.1 | | | |

* Beginning Nov. 21, 1932, ref. pt. is $1\frac{1}{4}$ inch pipe, 0.45 foot above pump base, 0.6 foot above floor, elev. 238.3, to and including Feb. 9, 1933; then, top of outlet hole in head, 0.68 foot above concrete floor. Elev. 238.4

a Motor warm.

b Measurement from San Gabriel Valley Protective Association.

c North well pumping.

Measurements from Orange County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface Feet | Well Number | Date | Dist.R.P. to water surface Feet |
|---------------|---------|--|--------------|------------|--|
| | 1933 | | | 1933 | |
| *C-1079a-M-17 | Jan. 5 | 177.2 | C-1087-L-17 | July 6 | 174.2 |
| | Feb. 9 | 168.8 | cont. | July 27 | 181.2 |
| | Mar. 24 | 160.7 | | Sep. 14 | 185.8 |
| | July 27 | 177.8 | | Oct. 16 | 187.4 |
| | Dec. 11 | 194.0 | | Dec. 11 | 188.4 |
| C-1081j-L-18 | Apr. 15 | a 81.5 | | 1932 | |
| | July 15 | b 70.3 | | | |
| | Nov. 15 | c 65.4 | C-1089-L-16 | Sep. 5 e | 190.0 |
| C-1082-L-18 | Feb. 9 | 66.6 | | 1933 | |
| | Mar. 24 | 58.9 | | Feb. 28 e | 183.7 |
| | May 26 | 65.7 | | July 6 e | 191.8 |
| | July 7 | 73.3 | | July 28 e | 194.1 |
| | Sep. 18 | 83.1 | | Sep. 14 ef | 198.0 |
| | Oct. 17 | 86.1 | | 1932 | |
| | Dec. 12 | 97.5 | C-1094-L-17 | Oct. 5 | 42.7 |
| C-1085-L-17 | Sep. 21 | 180.0 | | 1933 | |
| | Oct. 19 | 182.3 | | Jan. 9 | 44.0 |
| | Oct. 29 | d 183.2 | | Feb. 10 | 43.2 |
| | Nov. 25 | d 185.0 | | Mar. 27 | 45.4 |
| | Dec. 14 | 189.0 | | Sep. 22 | 45.1 |
| | 1933 | | | 1933 | |
| | Jan. 5 | 189.1 | | | |
| | Feb. 10 | 186.6 | C-1097-L-17 | Mar. 24 | 174.7 |
| | Mar. 27 | 182.7 | | May 26 | 175.3 |
| | May 26 | 183.4 | | July 28 | 176.8 |
| | July 7 | 186.2 | | Sep. 19 | 177.4 |
| | July 28 | 188.7 | | Dec. 12 | 181.2 |
| | Oct. 17 | 196.3 | | | |
| | Dec. 12 | 197.2 | C-1105a-N-17 | Feb. 18 | 221.1 |
| C-1087-L-17 | Feb. 14 | 177.6 | | Mar. 24 | 219.7 |
| | Mar. 24 | 176.1 | | July 24 | 226.7 |
| | May 25 | 176.4 | | Aug. 15 | 233.6 |
| | | | | Sep. 12 | 232.0 |

* Beginning July 25, 1932, ref. pt. is at cap screw hole on northwest side of shaft on discharge head, 0.5 foot below center line of gage. Elev. 248.3.

a No. 7 and No. 5 pumping.

b All wells in tract pumping.

c No. 7, No. 8 and No. 3 pumping.

d Measurement from San Gabriel Valley Protective Association.

e Reference point (b) in Bulletin No. 39 used.

f Motor warm.

Measurements from Orange County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|--------------|-----------|---|--------------|-----------|---|
| 1932 | | | 1933 | | |
| *C-1107-M-17 | Sep. 16 | 136.9 | C-1121-M-16 | Jan. 9 | 144.0 |
| | Oct. 19 | 136.7 | cont. | Feb. 16 | 143.9 |
| | Nov. 26 | 136.5 | | Mar. 27 | 143.9 |
| 1933 | | | C-1123a-N-16 | Jan. 13 | 118.7 |
| | Feb. 18 | 135.4 | | Feb. 24 | 116.3 |
| | Mar. 24 a | | | Mar. 13 | 117.2 |
| C-1112-N-18 | Jan. 1 b | 263.6 | | Mar. 20 | 117.0 |
| | Feb. 1 b | 260.5 | | July 14 | 121.5 |
| | Mar. 1 b | 259.4 | | Aug. 3 | 123.9 |
| | Apr. 1 b | 258.2 | | Sep. 8 | 123.5 |
| | May 1 b | 261.9 | | Oct. 23 | 124.0 |
| | June 1 b | 265.1 | | Dec. 14 | 124.0 |
| | Oct. 1 b | 277.6 | C-1125m-N-16 | Feb. 24 | 109.9 |
| | Nov. 1 b | 276.2 | | May 12 e | 113.0 |
| | Dec. 1 b | 276.2 | | June 22 e | 115.5 |
| 1934 | | | | July 29 | 118.8 |
| | Jan. 1 b | 270.8 | | Sep. 8 | 119.4 |
| 1933 | | | | Sep. 15 e | 118.2 |
| | | | | Oct. 23 | 122.1 |
| | | | | Oct. 27 | 119.6 |
| | | | | Nov. 17 | 121.0 |
| | | | | Dec. 14 | 117.7 |
| C-1113-N-17 | Mar. 27 | 208.4 | C-1130a-N-15 | Jan. 7 | 81.8 |
| | July 25 | 224.0 | | Feb. 8 | 81.5 |
| | Aug. 17 c | 223.9 | | Mar. 8 f | 80.8 |
| C-1120-N-16 | May 24 | 123.8 | | Mar. 11 f | 80.3 |
| | July 24 | 127.1 | | Mar. 19 f | 82.3 |
| | Aug. 15 | 128.7 | | July 14 | 88.8 |
| | Sep. 12 | 128.7 | | Aug. 3 | 90.2 |
| | Nov. 17 | 130.0 | | Sep. 8 | 90.2 |
| 1932 | | | | Sep. 29 | 90.1 |
| | | | | Oct. 23 | 90.1 |
| | | | | Dec. 14 | 88.8 |

**C-1121-M-16 Sep. 29 d 154.2

* Beginning Sep. 16, 1932, ref. pt. is bottom of hole in casing at inner edge of 3 inch nipple, 4.4 feet above ground. Elev. 211.9

** Beginning Sep. 29, 1932, ref. pt. is cut in casing at ground. Elev. 173.5.

a Casing collapsed 128.0 feet below reference point.

b Measurement from W. W. Hoy.

c By electric sounder.

d Just shut down.

e Measurement from San Gabriel Valley Protective Association.

f Measurement by owner.

Measurements from Orange County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|---------------|--------------------|----------------------------------|--------------|-------------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| C-1131-N-17 | May 24 | 130.0 | C-1168-O-15 | Jan. 28 | 49.8 |
| | July 24 | 133.7 | | Feb. 24 | 50.8 |
| | Aug. 15 | 134.4 | | Mar. 17 | 50.9 |
| | Sep. 12 | 135.2 | | July 14 | 64.8 |
| | Nov. 17 | 136.7 | | Aug. 4 a | 67.8 |
| C-1150b-N-17 | See page 78 | | | Sep. 8 | 64.1 |
| | | | | Oct. 23 | 61.8 |
| | | | | Dec. 18 | 55.7 |
| | | | | | |
| | | | | | |
| C-1151a-O-16 | See page 79 | | C-1171b-O-16 | See page 80 | |
| C-1152a-N-16 | See page 79 and 80 | | C-1174c-P-16 | See page 81 | |
| *C-1153b-O-15 | Jan. 14 | 71.1 | C-1180-P-17 | Feb. 6 | 16.7 |
| | Feb. 24 | 68.5 | | Mar. 7 | 21.2 |
| | Mar. 13 | 68.6 | | May 25 | 30.2 |
| | July 22 | 77.4 | | July 7 | 29.8 |
| | Aug. 4 | 78.8 | | July 28 | 45.1 |
| | Dec. 18 | 72.5 | | Sep. 8 | 33.7 |
| C-1158a-O-15 | Jan. 14 | 53.2 | | Nov. 9 | 36.5 |
| | Feb. 24 | 50.6 | | 1934 | |
| | Mar. 20 | 51.5 | | Jan. 9 | 23.2 |
| C-1160a-O-16 | Jan. 28 | 59.9 | | 1933 | |
| | Feb. 24 | 60.1 | C-1191-O-16 | Jan. 28 b | 87.0 |
| | Mar. 17 | 62.6 | | Feb. 26 b | 88.0 |
| | July 14 | 72.4 | | Mar. 23 b | 92.0 |
| | Aug. 4 | 72.3 | | Apr. 24 b | 102.0 |
| | Sep. 8 | 71.3 | | May 23 b | 101.0 |
| | Oct. 23 | 70.3 | | June 24 b | 113.0 |
| | Dec. 18 | 65.4 | | July 25 b | 112.0 |
| | | | | Aug. 26 b | 112.0 |
| **C-1162-O-16 | Jan. 28 | 66.7 | | Sep. 24 b | 108.0 |
| | Feb. 24 | 66.2 | | Oct. 26 b | 104.0 |
| | Mar. 20 | 67.3 | | Nov. 23 b | 103.0 |
| | July 14 | 74.2 | | Dec. 24 b | 99.0 |
| | Aug. 4 | 74.6 | | 1934 | |
| | Sep. 8 | 74.8 | | Jan. 23 b | 98.0 |
| | Oct. 23 | 75.0 | | | |
| | Dec. 18 | 71.1 | | | |

* Beginning Jan. 14, 1933, ref. pt. is top of casing 1.0 foot above ground.
Elev. 91.9.

**Reference point (a) in Bulletin No. 39 used.

a Shut down 5 minutes.

b Measurement from Santa Ana Water Department.

Measurements from Orange County Flood Control District except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|----------------|---------|----------------------------------|-----------------|-------------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| *C-1193a-O-17 | Mar. 27 | 134.0 | C-1203-P-15 | Feb. 4 | 25.8 |
| | May 25 | 137.1 | | Mar. 2 | 28.3 |
| | July 25 | 144.6 | | Mar. 14 a | 14.1 |
| | Aug. 17 | 145.3 | | Mar. 17 a | 14.2 |
| | Nov. 17 | 144.6 | | | |
| C-1194-O-18 | Mar. 27 | 144.6 | ****C-1204-P-15 | Feb. 4 | 35.9 |
| | May 25 | 147.6 | | Mar. 2 | 38.4 |
| | July 25 | 152.2 | | Mar. 14 | 37.0 |
| | Nov. 17 | 157.6 | | Mar. 17 | 40.7 |
| | | | | July 5 | 57.1 |
| **C-1197-O-17 | Mar. 27 | 107.0 | | Sep. 5 | 50.5 |
| | May 26 | 109.5 | C-1205d-P-16 | Sec page 82 | |
| | July 7 | 111.9 | C-1206b-P-17 | See page 83 | |
| | July 28 | 113.1 | | | |
| | Sep. 5 | 113.6 | C-1207-O-18 | Feb. 7 | 50.3 |
| | Nov. 9 | 114.0 | | Mar. 16 | 49.2 |
| | | | | May 26 | 57.5 |
| | 1934 | | | July 6 | 74.0 |
| | Jan. 8 | 113.9 | | July 27 | 79.0 |
| | | | | Sep. 11 | 62.6 |
| ***C-1198-O-17 | July 25 | 131.0 | | Nov. 14 | 66.2 |
| | | | | 1934 | |
| | | | | Jan. 5 | 55.0 |
| | | | | 1933 | |
| | | | | | |
| C-1201-P-15 | Mar. 2 | 25.5 | | | |
| | Mar. 14 | 23.9 | | | |
| | Mar. 17 | 26.5 | | | |
| | Aug. 4 | 40.6 | | | |
| | 1934 | | C-1209-P-18 | Feb. 7 | 32.3 |
| | | | | Mar. 16 | 31.0 |
| | | | | | |
| | | | | | |
| | Jan. 23 | 27.7 | | | |

*Beginning Mar. 27, 1933, ref. pt. is top of casing, 1.0 foot above ground. Elev. 171.8.

**Beginning July 22, 1932, ref. pt. is top of screw on discharge shaft, 1.4 feet above ground. Elev. 150.4.

***Beginning Dec. 2, 1932, ref. pt. is cap screw hole in head, 0.3 foot below ground. Elev. 148.2.

****Beginning Apr. 2, 1932, ref. pt. is cap on screw hole, 1.6 feet above ground. Elev. 60.9.

a Sounds like water running into well.

Measurements from Orange County Flood Control District.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|---------------|---------|----------------------------------|-------|--------------|---------|----------------------------------|------|
| | | <u>Feet</u> | | | | <u>Feet</u> | |
| | 1933 | | | | 1933 | | |
| *C-1211a-P-18 | Feb. 17 | | 63.8 | C-1220a-Q-18 | Feb. 7 | | 89.3 |
| | Mar. 16 | a | 60.9 | | Mar. 16 | | 88.1 |
| | Apr. 21 | b | 82.5 | | Apr. 22 | | 89.1 |
| | May 26 | | 109.8 | | July 6 | | 92.4 |
| | July 6 | c | 130.7 | | July 28 | | 94.0 |
| | July 27 | | 103.8 | | Sep. 11 | | 94.5 |
| | Sep. 11 | | 108.9 | | Nov. 14 | | 93.1 |
| | Nov. 14 | | 94.1 | | | | |
| | 1934 | | | | 1934 | | |
| | Jan. 5 | | 72.6 | | Jan. 8 | | 91.1 |
| | 1933 | | | | 1933 | | |
| C-1212-P-19 | Feb. 7 | | 136.5 | C-1222-Q-18 | Feb. 7 | | 59.5 |
| | Mar. 16 | | 135.6 | | Mar. 16 | | 59.1 |
| | Apr. 4 | | 135.9 | | Apr. 21 | | 59.2 |
| | Apr. 21 | | 134.3 | | May 26 | | 60.3 |
| | May 26 | c | 140.0 | | July 6 | | 61.4 |
| | July 6 | c | 138.5 | | July 27 | | 61.6 |
| | July 27 | c | 138.9 | | Sep. 11 | | 62.0 |
| | Sep. 11 | | 139.1 | | Nov. 14 | | 62.7 |
| | Nov. 14 | | 138.9 | | | | |
| | 1934 | | | | 1934 | | |
| | Jan. 5 | | 138.9 | | Jan. 5 | | 62.4 |
| | 1933 | | | | 1933 | | |
| C-1217a-Q-19 | Feb. 7 | | 235.9 | C-1224-Q-18 | Feb. 7 | | 47.4 |
| | Apr. 22 | | 240.0 | | Sep. 11 | d | 75.0 |
| | May 26 | d | 248.0 | | Nov. 14 | | 54.0 |
| | July 6 | | 255.5 | C-1225-Q-18 | Feb. 7 | | 8.0 |
| | July 28 | | 265.3 | | Mar. 16 | | 9.9 |
| | Sep. 11 | | 249.1 | | Apr. 21 | | 11.1 |
| | | | | | May 26 | | 12.5 |
| | 1934 | | | July 6 | | 13.6 | |
| | Jan. 8 | | 239.7 | July 27 | | 13.7 | |
| | | | | Sep. 11 | | 14.5 | |
| | | | | Nov. 14 | | 15.5 | |

* Beginning Apr. 21, 1933, ref. pt. is top of casing, 0.4 foot above ground.
Elev. 105.9.

a Shut down 10 minutes.

b Pumping slowly.

c Pumping 100 feet away.

d Down 5 minutes.

Measurements from Orange County Flood Control District.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|----------------------|---------|---|--------------|-------------|---|
| | 1934 | | | 1933 | |
| C-1225-Q-18 cont. | Jan. 8 | 13.0 | C-1231b-P-17 | Feb. 6 | 16.9 |
| | | | | Mar. 7 | 18.5 |
| | | | | Mar. 15 | 16.9 |
| | 1933 | | | July 6 | 31.0 |
| C-1226-Q-17 | Feb. 7 | 19.1 | | Sep. 5 | 36.4 |
| | Mar. 16 | 17.2 | C-1232-P-17 | Feb. 6 | a 31.3 |
| | Apr. 21 | 19.6 | | Mar. 7 | 30.8 |
| | May 26 | 20.6 | | Mar. 15 | 30.2 |
| | July 27 | 23.1 | | May 25 | b 36.5 |
| | Sep. 11 | 24.8 | | July 6 | b 37.8 |
| | | | | July 28 | b 38.6 |
| | 1934 | | | Sep. 5 | 37.3 |
| | Jan. 5 | 23.4 | | Nov. 9 | 36.2 |
| | 1933 | | | 1934 | |
| *C-1230-P-17 | Feb. 6 | 20.2 | | Jan. 8 | a 35.2 |
| | Mar. 7 | 21.7 | | 1933 | |
| | Sep. 5 | 32.6 | | | |
| | Nov. 9 | 28.0 | C-1234-P-17 | Feb. 6 | 35.7 |
| | 1934 | | | Mar. 7 | 36.8 |
| | Jan. 8 | 23.3 | | July 28 | 76.8 |
| | | | | Sep. 5 | 50.3 |
| | | | | Nov. 9 | c 52.5 |
| | 1933 | | C-1237L-P-17 | See page 84 | |
| C-1231a-P-17 | Feb. 6 | 27.9 | C-1243-Q-16 | Feb. 6 | 18.1 |
| | Mar. 7 | 27.3 | | Mar. 7 | 18.8 |
| | Mar. 15 | 26.4 | | Apr. 20 | 21.4 |
| | Apr. 18 | 54.4 | | May 25 | 20.3 |
| | May 25 | 42.7 | | July 7 | 20.7 |
| | July 6 | 45.6 | | July 31 | 22.1 |
| | July 28 | 67.3 | | Sep. 8 | 21.7 |
| | Sep. 5 | 59.0 | | Nov. 9 | 21.3 |
| | Nov. 9 | 38.2 | | 1934 | |
| | 1934 | | | Jan. 9 | 19.8 |
| | Jan. 8 | 33.7 | | | |

* Beginning Apr. 22, 1932, ref. pt. is top of casing, south side at cut 0.5 foot above ground. Elev. 54.2. Apply in Bulletin No. 39-A also.

a Pumping slowly.

b Pumping 20 feet south.

c Pumping 100 feet west.

Measurements from Orange County Flood Control District.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|---------|----------------------------------|----------------------|---------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| C-1244-Q-16 | Feb. 6 | 30.2 | C-1249-Q-16 cont. | July 7 | 33.6 |
| | Mar. 7 | 37.7 | | Sep. 8 | 37.5 |
| | May 25 | 47.5 | | Nov. 13 | 34.8 |
| | July 7 | 48.0 | | | |
| | Aug. 5 | 57.7 | | 1934 | |
| | Aug. 26 | 58.5 | | | |
| | Sep. 16 | 45.2 | | Jan. 9 | 29.4 |
| | Oct. 14 | 42.2 | | | |
| | Nov. 18 | 41.0 | | 1933 | |
| | Dec. 23 | 37.1 | | | |
| | 1934 | | *C-1250-P-15 | Feb. 6 | 20.9 |
| | Jan. 6 | 34.2 | | Mar. 15 | 21.4 |
| | Jan. 20 | 32.6 | | Apr. 20 | 25.3 |
| | | | | May 25 | 23.4 |
| | | | | July 31 | 26.3 |
| | | | | Sep. 8 | 26.6 |
| | | | | Nov. 13 | 26.2 |
| | 1933 | | | | |
| C-1248-Q-16 | Feb. 6 | 31.7 | | 1934 | |
| | Mar. 15 | 32.4 | | | |
| | Apr. 20 | 34.8 | | Jan. 9 | 24.0 |
| | July 20 | 34.7 | | | |
| | Aug. 5 | 34.8 | | 1933 | |
| | Sep. 2 | 35.0 | | | |
| | Oct. 6 | 35.2 | **C-1255-P-15 | Feb. 6 | 9.6 |
| | Nov. 10 | 35.2 | | Mar. 2 | 11.8 |
| | Dec. 9 | 35.1 | | Mar. 12 | 13.2 |
| | 1934 | | | Mar. 14 | 15.2 |
| | Jan. 6 | 34.4 | | Mar. 17 | 17.8 |
| | Jan. 20 | 33.9 | | Apr. 18 | 20.0 |
| | | | | July 11 | 22.0 |
| | | | | Aug. 4 | 23.1 |
| | | | | Sep. 5 | 21.0 |
| | | | | Nov. 13 | 19.1 |
| | 1933 | | | | |
| C-1249-Q-16 | Feb. 6 | 23.5 | | 1934 | |
| | Mar. 12 | 30.1 | | | |
| | Mar. 15 | 31.8 | | Jan. 23 | 13.0 |
| | Apr. 20 | 39.9 | | | |
| | May 25 | 34.9 | | | |

*Beginning Mar. 30, 1932, ref. pt. is at top of casing, between 10" x 10" blocks, at ground. Elev. 37.6.

**Beginning July 21, 1932, ref.pt. is cap screw hole in pump head, 0.4 foot below old ref. pt. Elev. 28.0

Measurements from Orange County Flood Control District.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|--------------|---------|----------------------------------|-----------------------|---------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| C-1257-Q-15 | Feb. 4 | 1.6 | *C-1260-Q-14 cont. | Aug. 3 | 8.3 |
| | Mar. 2 | 6.0 | | Sep. 1 | 8.5 |
| | Mar. 13 | 5.3 | | Nov. 7 | 5.7 |
| | Mar. 14 | 8.4 | | | |
| | Mar. 17 | 8.3 | | 1934 | |
| | Apr. 17 | 11.0 | | | |
| | July 11 | 10.0 | | Jan. 23 | 1.4 |
| | Aug. 3 | 11.3 | | | |
| | Sep. 5 | 10.1 | | 1933 | |
| | Nov. 8 | 8.5 | | | |
| | 1934 | | C-1261-Q-14 | Feb. 2 | 3.9 |
| | | | | Feb. 28 | 4.3 |
| | | | | Mar. 12 | 3.4 |
| | Jan. 23 | 4.0 | | Mar. 14 | 4.1 |
| | | | | Mar. 16 | 4.1 |
| | 1933 | | | July 11 | 6.3 |
| | | | | Aug. 3 | 6.8 |
| | | | | Sep. 1 | 6.8 |
| C-1258-Q-15 | Feb. 4 | Flowing | | Nov. 7 | 5.4 |
| | Mar. 2 | 1.4 | | | |
| | Mar. 13 | 3.2 | | 1934 | |
| | Mar. 14 | 4.8 | | | |
| | Mar. 17 | 5.4 | | Jan. 23 | 3.9 |
| | July 11 | 7.8 | | | |
| | Aug. 3 | 9.5 | | 1933 | |
| | Sep. 5 | 8.5 | | | |
| | Nov. 13 | 6.0 | | | |
| | 1934 | | C-1262-Q-14 | Feb. 3 | 0.6 |
| | | | | Mar. 2 | 2.5 |
| | | | | Mar. 11 | Flowing |
| | Jan. 23 | 1.5 | | Mar. 12 | 1.6 |
| | | | | Mar. 14 | 2.7 |
| | 1933 | | | Mar. 16 | a 2.8 |
| | | | | Apr. 17 | 6.6 |
| | | | | July 11 | 6.8 |
| | | | | Aug. 3 | 8.6 |
| | | | | Nov. 8 | 5.6 |
| *C-1260-Q-14 | Feb. 8 | Flowing | | | |
| | Feb. 28 | 3.2 | | 1934 | |
| | Mar. 14 | 4.3 | | | |
| | Mar. 16 | 4.1 | | | |
| | Apr. 17 | 8.1 | | Jan. 23 | 1.1 |
| | July 11 | 6.8 | | | |

* Beginning Feb. 23, 1933, ref. pt. is top of casing, 0.6 foot above ground.
Elev. 6.8.

a Laguna Beach Plant pumping.

Measurements from Orange County Flood Control District.

a Pumping slowly.

b Laguna Beach Plant pumping.

Measurements from Orange County Flood Control District.

C-294a-G-15, LOS ANGELES COUNTY, ET AL. MAP 6.

Log available.

Location and description--400 feet west of Main Street, 375 feet north of Los Angeles Street, 200 feet east and 400 feet north of C-294-G-15, Baldwin Park.

Reference point--Top of casing, 0.7 foot above ground.

Elevation of reference point--387.8, from levels by P.W.D.

Use--Test well.

Depth of well--200 feet.

Diameter of casing--16 inches.

Other numbers used--L.A.Co. F.C.D. No. 3030F.

| Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|---------|---|---------|---|---------|---|
| 1933 | | 1933 | | 1933 | |
| Jan. 3 | 120.3 | May 30 | 117.3 | Dec. 11 | 128.0 |
| Jan. 31 | 119.7 | July 4 | 119.5 | Dec. 23 | 127.5 |
| Feb. 28 | 118.4 | July 31 | 121.8 | | |
| Mar. 28 | 117.5 | Aug. 28 | 124.4 | 1934 | |
| Apr. 25 | 117.0 | Sep. 18 | 125.5 | | |
| May 16 | 116.8 | Oct. 16 | 126.6 | Jan. 6 | 126.8 |
| | | Nov. 13 | 127.2 | Jan. 29 | 123.8 |

Measurements from San Gabriel Valley Protective Association.

C-581c-G-18, SAN DIMAS WATER CO. MAP 6.

Log available.

Location and description--560 feet south of Pacific Electric Ry., 460 feet west of South "D" Street, south of La Verne.

Reference point--Air gauge, 1 foot above ground.

Elevation of reference point--1025, from U.S.G.S. topog. by L.A.Co.F.C.D.

Use--Irrigation.

Depth of well--742 feet.

Diameter of casing--18 inches.

Other numbers used--L.A.Co.F.C.D. No. 3220A.

| Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|--------|---|-----------|---|--------|---|
| 1933 | | 1933 | | 1934 | |
| Jan. 3 | 304.0 | Apr. 11 | 300.0 | Jan. 6 | 338.2 |
| Feb. 3 | 296.5 | Dec. 18 a | 353.9 | | |
| Mar. 3 | 291.0 | | | | |

a Measurement from Los Angeles County Flood Control District.

Measurements from La Verne Protective Association except as noted.

Note: Measurements published in Bulletin 39-A for April 16, Sep. 29 and Dec. 4 of 1932, are pumping measurements.

C-11506-N-17, SANTA ANA VALLEY IRRIGATION COMPANY, No. 12. MAP 4.

Location and description--0.28 mile north of Fairhaven Avenue, 150 feet east of Cambridge Street, Orange.

Reference point--Air gage 0.8 foot above ground.

Elevation of reference point--206.3 from levels by State Div. E. and I.

Use--Irrigation.

Depth of well--800 feet.

Diameter of casing--26 inches.

Other numbers used--State Div. E. and I. No. 275, Corona Quad.; Location No. 14552B.

| Date | Dist. R. P. to water surface <u>Feet</u> | Date | Dist. R. P. to water surface <u>Feet</u> | Date | Dist. R. P. to water surface <u>Feet</u> |
|--------|---|--------|---|--------|---|
| 1928 | | 1930 | | 1932 | |
| Jan. 1 | 144.6 | Apr. 1 | 164.2 | June 1 | 179.6 |
| Feb. 1 | 142.8 | May 1 | 164.0 | July 1 | 195.0 |
| Mar. 1 | 140.3 | June 1 | 160.0 | Aug. 1 | 203.0 |
| Apr. 1 | 139.8 | Sep. 1 | 193.4 | Sep. 1 | 187.8 |
| June 1 | 146.7 | Oct. 1 | 183.0 | Oct. 1 | 186.5 |
| Oct. 1 | 162.3 | Nov. 1 | 197.8 | Dec. 1 | 186.8 |
| Nov. 1 | 157.5 | Dec. 1 | 178.3 | | |
| Dec. 1 | 155.0 | | | 1933 | |
| | | 1931 | | Jan. 1 | 181.0 |
| 1929 | | Jan. 1 | 176.4 | Feb. 1 | 179.0 |
| Jan. 1 | 152.3 | Feb. 1 | 171.4 | Mar. 1 | 177.0 |
| Feb. 1 | 150.3 | May 1 | 168.8 | Apr. 1 | 176.2 |
| Mar. 1 | 159.6 | June 1 | 180.2 | May 1 | 181.7 |
| Apr. 1 | 151.4 | Sep. 1 | 203.7 | June 1 | 185.5 |
| May 1 | 152.4 | Oct. 1 | 193.0 | Sep. 1 | 207.7 |
| June 1 | 160.0 | Nov. 1 | 202.0 | Oct. 1 | 192.2 |
| Oct. 1 | 173.3 | Dec. 1 | 186.6 | Nov. 1 | 190.5 |
| Nov. 1 | 187.3 | | | Dec. 1 | 190.0 |
| Dec. 1 | 173.4 | 1932 | | 1934 | |
| 1930 | | Jan. 1 | 182.2 | Jan. 1 | 187.8 |
| Jan. 1 | 171.2 | Feb. 1 | 178.7 | | |
| Feb. 1 | 166.6 | Mar. 1 | 175.6 | | |
| Mar. 1 | 165.3 | Apr. 1 | 174.0 | | |
| | | May 1 | 177.2 | | |

Measurements from W. W. Hoy.

C-1151a-O-16, CITY OF SANTA ANA, NO. 14. MAP 4.

Log available.

Location and description--0.6 mile north of 17th Street, 100 feet east of Bristol Street, 100 feet south of Santiago Creek, Santa Ana.

Reference point--Collar at ground surface.

Elevation of reference point--120, from U.S.G.S. topog. by D.W.R.

Use--Domestic.

Depth of well--1050 feet.

Diameter of casing--20 inches.

Other numbers used--Location No. 14513.

| Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|---------|---|---------|---|---------|---|
| 1932 | | 1933 | | 1933 | |
| Jan. 21 | 101. | Apr. 24 | 100. | Nov. 24 | 102. |
| | | May 23 | 99. | Dec. 26 | 102. |
| 1933 | | June 22 | 101. | | |
| | | July 23 | 105. | 1934 | |
| Jan. 27 | 100. | Aug. 26 | 106. | | |
| Feb. 26 | 95. | Sep. 24 | 104. | Jan. 23 | 99. |
| Mar. 28 | 98. | Oct. 25 | 103. | | |

Measurements from Santa Ana Water Department.

C-1152a-N-16, F. H. CRAGER, MAP 4.

Location and description--0.14 mile east of Berrydale Avenue, 100 feet north of Ocean Avenue, north of Santa Ana.

Reference point--Top of casing, 0.4 foot above ground.

Elevation of reference point--113.2, from levels by O.Co. F.C.D. from local B.M.

Use--Domestic.

Depth of well--98 feet.

Diameter of casing--7 inches.

Other numbers used--O. Co. F.C.D. No. 3P-57; Location No. 14492A.

| Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|---------|---|---------|---|---------|---|
| 1930 | | 1931 | | 1931 | |
| May 16 | 70.3 | Jan. 21 | 75.0 | Aug. 15 | 83.8 |
| June 20 | 72.0 | Feb. 20 | 74.0 | Sep. 16 | 85.5 |
| July 7 | 73.2 | Mar. 16 | 75.5 | Oct. 14 | 86.2 |
| Sep. 10 | 77.7 | Apr. 6 | 78.0 | Nov. 10 | 83.7 |
| Oct. 6 | 77.5 | May 20 | 78.1 | | |
| Nov. 17 | 77.5 | June 5 | 78.8 | | |
| Dec. 24 | 76.5 | July 11 | 82.3 | | |

C-1152a-N-16, F. H. CRAGER. MAP 4 (Cont.)

| Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|-----------|---|-----------|---|---------|---|
| 1932 | | 1932 | | 1933 | |
| Jan. 18 a | 80.6 | July 19 a | 85.7 | Jan. 28 | 84.2 |
| Feb. 23 | 79.2 | Aug. 15 | 86.2 | Feb. 24 | 83.0 |
| Mar. 16 | 79.0 | Sep. 16 | 86.3 | Mar. 13 | 83.2 |
| Apr. 15 | 81.5 | Oct. 21 | 86.3 | Mar. 17 | 83.1 |
| May 17 | 82.4 | Nov. 22 | 86.5 | July 14 | 87.2 |
| June 21 | 84.3 | Dec. 19 | 85.9 | Aug. 4 | 88.0 |
| | | | | Sep. 8 | 89.5 |
| | | | | Oct. 23 | 89.1 |
| | | | | Dec. 18 | 88.6 |

a Down 10 minutes.

Measurements from Orange County Flood Control District.

C-1171b-O-16, J. T. RAITT. MAP 4.

Location and description--0.25 mile west of Bristol Street, 20 feet south of Fairview Road, south of Santa Ana.

Reference point--Top of casing, 1.4 feet above ground.

Elevation of reference point--69.8, from levels by O.Co.F.C.D.

Use--Irrigation.

Diameter of casing--12 inches.

Other numbers used--O. Co. F.C.D. No. SP-13; Location No. 14516A.

| Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|---------|---|---------|---|---------|---|
| 1931 | | 1932 | | 1933 | |
| June 30 | 46.3 | Jan. 25 | 37.0 | Feb. 7 | 38.5 |
| Aug. 18 | 46.5 | Feb. 26 | 35.1 | Mar. 15 | 39.5 |
| Sep. 18 | 45.3 | Apr. 25 | 44.7 | May 25 | 47.0 |
| Oct. 9 | 43.9 | May 24 | 43.8 | Aug. 1 | 52.2 |
| Nov. 18 | 40.0 | July 21 | 48.9 | Sep. 8 | 51.1 |
| | | Aug. 22 | 48.7 | Nov. 13 | 46.7 |
| | | Sep. 20 | 46.3 | | |
| | | Oct. 27 | 46.1 | 1934 | |
| | | Nov. 28 | 45.4 | | |
| | | Dec. 9 | 43.4 | Jan. 15 | 42.4 |
| | | Dec. 16 | 41.5 | | |
| | | Dec. 27 | 40.4 | | |

Measurements from Orange County Flood Control District.

C-1174c-P-16, W. P. GRACER. MAP 4.

Location and description--0.08 mile south of Harvard Street, which is 0.36 mile north of Delhi Road, 0.3 mile west of Greenville Road (Fairview Road) southwest of Santa Ana. Windmill.

Reference point--Top of clamp on 2-inch piece over casing, 2.1 feet above ground.

Elevation of reference point--50.6, from levels by O. Co. F.C.D. from local B.M.

Use--Domestic.

Depth of well--137 feet.

Diameter of casing--8 inches.

Other numbers used--O. Co. F.C.D. No. 8P-9; Location No. 14498A.

| Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|------------|---|-----------|---|---------|---|
| 1931 | | 1932 | | 1933 | |
| June 30 | 37.0 | Jan. 25 | 25.2 | Feb. 6 | 23.1 |
| July 14 | 41.3 | Feb. 26 | 20.3 | Mar. 15 | 23.9 |
| Aug. 18 | 38.7 | May 24 | 31.2 | Apr. 20 | 37.7 |
| Sep. 18 a. | 32.9 | July 21 | 36.7 | May 25 | 33.7 |
| Nov. 18 | 25.9 | Nov. 28 | 30.9 | July 7 | 34.3 |
| | | Dec. 27 b | 26.4 | Aug. 1 | 39.0 |
| | | | | Sep. 8 | 37.9 |
| | | | | Nov. 13 | 31.7 |
| | | | | 1934 | |
| | | | | Jan. 9 | 27.0 |

a Pumping.

b Pumping slowly.

Measurements from Orange County Flood Control District.

C-1205d-P-16, A. A. MANDERSCHIED. MAP 4.

Location and description-- 225 feet south of Delhi Road, 600 feet west of Bristol street, south of Santa Ana.

Reference point--Top of north side of casing, 0.7 foot above ground.

Elevation of reference point--46, from U.S.G.S. topog. by D.W.R.

Use--Abandoned.

Diameter of casing--7 inches.

Other numbers used--0. Co. F.C.D. No. 8P-7; Location No, 14518.

| Date | Dist.R.P. to water surface | Date | Dist.R.P. to water surface | Date | Dist.R.P. to water surface |
|---------|----------------------------------|---------|----------------------------------|---------|----------------------------------|
| | <u>Feet</u> | | <u>Feet</u> | | <u>Feet</u> |
| 1931 | | 1932 | | 1933 | |
| June 30 | 20.6 | Jan. 25 | 14.3 | Feb. 7 | 14.9 |
| July 14 | 26.2 | Feb. 26 | 12.4 | Mar. 15 | 16.7 |
| Aug. 28 | 24.7 | Mar. 30 | 17.5 | Apr. 21 | 28.4 |
| Sep. 28 | 19.6 | Apr. 25 | 21.8 | May 26 | 22.2 |
| Oct. 9 | 19.7 | May 24 | 20.2 | July 7 | 26.7 |
| Nov. 18 | 18.5 | July 21 | 23.2 | Aug. 1 | 27.4 |
| | | Aug. 22 | 22.5 | Sep. 8 | 26.6 |
| | | Sep. 20 | 22.0 | Nov. 13 | 21.8 |
| | | Oct. 27 | 19.9 | | |
| | | Nov. 28 | 21.1 | 1934 | |
| | | Dec. 9 | 19.4 | | |
| | | Dec. 16 | 17.8 | Jan. 15 | 18.2 |
| | | Dec. 27 | 17.0 | | |

Measurements from Orange County Flood Control District.

C-1206b-P-17, FRANK BORCHARD. MAP 4.

Location and description--50 feet south of Hobart Street, which is $\frac{1}{2}$ mile south of McFadden Street, 0.25 mile east of Pacific Electric Railway, 0.48 mile east of Main Street, Santa Ana.

Reference point--Air gage, 0.5 foot above concrete floor and 1.0 foot above ground, to and including Feb. 26, 1932; then, top of casing, 1.2 feet lower.

Elevation of reference point--86.2 to and including Feb. 26, 1932; then, 85, from U.S.G.S. topog. by D.W.R.

Use--Irrigation.

Other numbers used--O. Co. F.C.D. NO. 8P-11; Location No. 14547A.

| Date | Dist.R.P. to water surface | Date | Dist. R.P. to water surface | Date | Dist.R.P. to water surface |
|-----------|----------------------------------|---------|-----------------------------------|----------|----------------------------------|
| | <u>Feet</u> | | <u>Feet</u> | | <u>Feet</u> |
| 1931 | | 1932 | | 1933 | |
| June 30 a | 78.0 | Jan. 25 | 59.0 | Feb. 6 | 58.1 |
| July 14 b | 100.0 | Feb. 26 | 56.0 | March 7 | 59.0 |
| Aug. 18 b | 100.0 | Mar. 30 | 57.0 | March 15 | 58.4 |
| Sep. 16 | 80.0 | Apr. 22 | 66.0 | Apr. 18 | 79.1 |
| Oct. 9 b | 95.0 | May 24 | 67.7 | Nov. 9 | 74.2 |
| Nov. 16 | 68.0 | July 19 | 73.3 | | |
| Dec. 22 | 63.0 | Nov. 28 | 73.2 | 1934 | |
| | | Dec. 27 | 62.4 | Jan. 8 | 65.7 |

a From base.

b Pumping.

Measurements from Orange County Flood Control District.

C-1237L-P-16, STEVEN GRISET. MAP 4.

Location and description--20 feet south of Talbert Road at south end of Bristol Street, to north, 0.05 mile east of Bristol Street to south. South of Santa Ana.

Reference point--Hole under pump north side of casing, 0.6 foot above ground.

Elevation of reference point--35.2, from levels by O. Co. F.C.D., from local B.M.

Use--Irrigation.

Diameter of casing--10 inches.

Other numbers used--O. Co. F.C.D. No. 5P-62; Location No. 14519B.

| Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|---------|---|---------|---|---------|---|
| 1931 | | 1932 | | 1933 | |
| June 29 | 18.2 | Jan. 25 | 10.4 | Feb. 7 | 10.6 |
| July 14 | 21.5 | Feb. 26 | 8.5 | Mar. 15 | 16.4 |
| Aug. 18 | 23.8 | Mar. 30 | 17.3 | Apr. 21 | 26.4 |
| Sep. 18 | 20.0 | Apr. 26 | 21.2 | May 26 | 19.8 |
| Oct. 9 | 16.9 | May 23 | 15.1 | July 7 | 24.4 |
| Nov. 18 | 15.6 | July 21 | 21.6 | Aug. 1 | 29.7 |
| | | Aug. 22 | 20.3 | Sep. 8 | 24.6 |
| | | Sep. 20 | 17.9 | Nov. 13 | 20.6 |
| | | Oct. 27 | 19.2 | | |
| | | Nov. 28 | 19.1 | 1934 | |
| | | Dec. 27 | 13.7 | Jan. 15 | 15.6 |

Measurements from Orange County Flood Control District.

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in District "D"

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|-----------|---|---------------|------------|---|
| | 1934 | | | 1933 | |
| D-703a-H-20 | Feb. 15 a | 251.8 | D-711d-F-20 | Jan. 4 b | 227.9 |
| | | | | Feb. 4 b | 223.7 |
| | 1933 | | | Mar. 4 b | 221.5 |
| | | | | Apr. 12 b | 224.4 |
| D-705-F-20 | Jan. 4 | 182.4 | | | |
| | Feb. 1 | 177.3 | D-716-G-21 | Jan. 3 | 474.9 |
| | Mar. 1 | 172.4 | | Apr. 3 | 473.8 |
| | Mar. 29 | 169.3 | | June 26 | 475.5 |
| | May 3 | 170.8 | | Aug. 23 a | 477.9 |
| | June 7 | 174.9 | | Sep. 25 | 480.3 |
| | July 5 | 179.9 | | Oct. 10 a | 478.9 |
| | Aug. 2 | 184.6 | | Nov. 6 | 480.3 |
| | Sep. 6 | 189.3 | | Dec. 26 | 480.3 |
| | Oct. 4 | 192.5 | | | |
| | Nov. 1 | 194.8 | | 1934 | |
| | Dec. 6 | 197.0 | | | |
| | Dec. 27 | 197.4 | | Feb. 9 a | 478.3 |
| | | | | | |
| D-707-F-21 | Jan. 4 | 387.6 | | 1933 | |
| | Feb. 1 | 386.2 | | | |
| | Mar. 1 | 385.3 | *D-718a-G-20 | Jan. 20 ac | 480.8 |
| | Mar. 29 | 384.9 | | Feb. 8 | 483.1 |
| | May 3 | 384.8 | | Apr. 4 | 482.2 |
| | June 7 | 386.0 | | May 8 | 484.7 |
| | Dec. 6 | 426.0 | | June 27 | 485.4 |
| | Dec. 27 | 422.3 | | July 31 | 484.7 |
| | | | | Aug. 27 | 487.0 |
| D-708-F-21 | Jan. 4 | 289.8 | | Oct. 30 | 490.7 |
| | Feb. 1 | 279.1 | | Dec. 5 | 488.2 |
| | Mar. 1 | 269.4 | | Dec. 18 | 485.9 |
| | Mar. 29 | 263.0 | | | |
| | May 3 | 270.4 | | 1934 | |
| | June 7 | 282.1 | | | |
| | Dec. 14 | 323.0 | | Feb. 9 ac | 485.6 |
| | Dec. 27 | 312.4 | | | |
| | | | **D-721b-G-20 | Feb. 9 a | 327.8 |
| D-711b-F-20 | Jan. 4 b | 350.4 | | | |
| | Feb. 4 b | 345.0 | D-723-G-20 | Feb. 19 a | 383.1 |
| | Mar. 4 b | 342.9 | | | |
| | Apr. 12 b | 347.4 | D-724-G-21 | Feb. 19 a | 436.4 |

*Beginning Mar. 22, 1932, ref. pt. is at airline gage.

**Beginning Aug. 23, 1933, ref. pt. is 0.35 feet above top of pumphouse floor. Elev. 1048.2

a Measurement from Chino Basin Protective Association.

b Measurement from Pomona Valley Protective Association.

c Ref. pt.--Top of coupling. Elev. 1215.

Measurements from owner except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|---------|----------------------------------|-------|---------------------|---------|----------------------------------|-------|
| | | Feet | Feet | | | Feet | Feet |
| | 1933 | | | | 1934 | | |
| D-725a-G-21 | Jan. 4 | | 388.4 | D-740-H-20 cont. | Feb. 6 | a | 138.0 |
| | Mar. 1 | | 388.1 | | | | |
| | Mar. 29 | | 387.9 | D-740a-H-20 | Feb. 14 | a | 169.2 |
| | June 7 | | 390.0 | | | | |
| | Sep. 6 | | 392.7 | *D-742-H-19 | Feb. 14 | a | 110.5 |
| | Oct. 4 | | 392.5 | | | | |
| | Nov. 1 | | 392.5 | | | | |
| | Dec. 27 | | 392.0 | | | | |
| | 1934 | | | | 1933 | | |
| D-726a-H-21 | Jan. 24 | a | 340.2 | D-743z-I-19 | Jan. 3 | b | 35.0 |
| | | | | | Feb. 7 | b | 33.8 |
| | 1933 | | | | Mar. 7 | b | 35.2 |
| D-727 | Jan. 4 | | 361.5 | | Apr. 4 | b | 39.8 |
| | Mar. 1 | | 359.9 | | May 2 | b | 42.2 |
| | Mar. 29 | | 359.6 | | June 9 | b | 51.6 |
| | May 3 | | 360.3 | | July 18 | b | 65.7 |
| | June 7 | | 361.5 | | Aug. 1 | b | 63.6 |
| | Aug. 2 | | 362.9 | | Sep. 5 | b | 58.7 |
| | Nov. 1 | | 362.9 | | Oct. 3 | b | 48.2 |
| | Dec. 6 | | 365.2 | | Nov. 21 | b | 44.8 |
| | Dec. 27 | | 364.7 | | Dec. 20 | b | 41.2 |
| | 1934 | | | | | 1934 | |
| D-728-H-20 | Feb. 15 | a | 311.9 | D-745-I-20 | Feb. 19 | a | 113.6 |
| | | | | D-747a-I-21 | Feb. 19 | a | 95.8 |
| D-729-H-20 | Feb. 15 | a | 264.5 | D-749-I-21 | Feb. 20 | a | 78.8 |
| D-733-H-20 | Feb. 15 | a | 221.3 | D-750a-I-21 | Feb. 20 | a | 58.1 |
| D-733c-H-20 | Feb. 15 | a | 245.6 | | 1933 | | |
| D-734b-H-20 | Feb. 15 | a | 256.8 | D-751-I-20 | Oct. 13 | a | 74.1 |
| D-735-H-21 | Jan. 24 | a | 212.2 | | 1934 | | |
| | | | | | Feb. 6 | a | 71.7 |
| | 1933 | | | | | | |
| D-740-H-20 | Aug. 24 | a | 147.7 | **D-752-I-20 | Feb. 20 | a | 33.6 |
| | Oct. 12 | a | 141.1 | | | | |
| | | | | D-753a-I-20 | Feb. 20 | a | 45.6 |

*Beginning Feb. 14, 1934, ref. pt. is top of pumphead casting at edge of airline hole, 1.2 feet above steel I beams and ground. Elev. 826.2.

**Beginning Feb. 20, 1934, ref. pt. is bottom edge of pumpbase at ground. Elev. 712.5.

a Measurement from Chino Basin Protective Association.

b Measurement from Los Angeles County Flood Control District.

Measurements from owner except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|--------------|---------|----------------------------------|---------------|---------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1934 | | | 1934 | |
| D-753b-I-20 | Jan. 24 | 18.0 | D-766-J-20 | Feb. 7 | 15.2 |
| D-754a-I-19 | Feb. 20 | 20.4 | cont. | | |
| | | | D-768-J-19 | Feb. 20 | 36.4 |
| | | | D-768a-J-19 | Feb. 20 | 26.1 |
| | 1933 | | | 1933 | |
| D-754c-I-20 | Aug. 24 | 34.4 | | | |
| | Oct. 13 | 26.1 | **D-771a-J-20 | July 19 | 30.0 |
| | 1934 | | | 1934 | |
| | Feb. 7 | 19.6 | | Feb. 20 | 5.1 |
| | 1933 | | D-771e-J-20 | Feb. 20 | 5.9 |
| *D-757a-I-19 | Aug. 24 | 49.8 | | 1933 | |
| | Oct. 13 | 44.4 | D-772-J-20 | Aug. 24 | 7.3 |
| | 1934 | | | Oct. 13 | 6.1 |
| | Feb. 7 | 39.1 | | 1934 | |
| D-759b-I-20 | Jan. 24 | 2.0 | | Jan. 24 | 3.2 |
| | Feb. 6 | 1.8 | | 1933 | |
| D-760d-I-20 | Feb. 20 | 10.7 | | | |
| | 1933 | | D-775-J-21 | Aug. 24 | 13.8 |
| D-763-J-21 | Aug. 28 | 31.7 | | Oct. 13 | 9.5 |
| | Oct. 12 | 28.7 | | 1934 | |
| | 1934 | | | Jan. 24 | 5.4 |
| | Jan. 24 | 20.9 | | 1933 | |
| D-764-J-21 | Feb. 20 | 4.8 | D-776c-J-20 | Aug. 20 | 6.6 |
| | 1933 | | | Oct. 13 | 6.5 |
| D-766-J-20 | Aug. 24 | 36.9 | | 1934 | |
| | Oct. 13 | 31.6 | | Feb. 7 | 4.4 |

*Beginning Oct. 2, 1932, ref. Pt. is top of concrete pipe, 1.0 foot above ground. Elev. 759.0. Correction to Bulletin No. 39-A.

**Ref. pt. (a) in Bulletin No. 39 used.

Measurements from Chino Basin Protective Association.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|---------|----------------------------------|-------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| D-776e-J-21 | Oct. 13 | 6.5 | D-787c-K-21 | Oct. 14 | 29.4 |
| | 1934 | | | 1934 | |
| | Feb. 7 | 3.9 | | Feb. 7 | 23.9 |
| | 1933 | | | 1933 | |
| D-780b-K-20 | Oct. 13 | 21.6 | D-801-K-21 | Oct. 18 | 20.2 |
| | 1934 | | | 1934 | |
| | Feb. 7 | 15.7 | | Feb. 7 | 17.9 |
| | 1933 | | | 1933 | |
| D-781a-K-21 | Oct. 13 | 16.2 | D-802-K-21 | July 19 | 31.6 |
| | 1934 | | *D-813-K-22 | Aug. 28 | 8.0 |
| | Jan. 24 | 3.3 | | Oct. 18 | 7.2 |
| | 1933 | | | 1934 | |
| | | | | Jan. 24 | 6.7 |
| D-782-K-21 | Aug. 24 | 12.0 | | 1933 | |
| | Oct. 14 | 13.2 | | | |
| | 1934 | | D-905-J-21 | Aug. 28 | 21.0 |
| | Feb. 7 | 20.5 | | Oct. 12 a | 26.6 |
| | 1933 | | D-906d-J-21 | Aug. 28 | 14.9 |
| | | | | Oct. 14 | 11.5 |
| D-783-K-21 | Aug. 24 | 26.2 | | 1934 | |
| | Oct. 14 | 26.3 | | Jan. 24 | 7.0 |
| | 1934 | | | 1934 | |
| | Jan. 24 | 26.4 | | | |
| | 1933 | | D-909-J-22 | Aug. 28 | 38.2 |
| | | | | Oct. 12 | 35.5 |
| D-784d-K-21 | July 19 | 13.8 | | 1934 | |
| | Oct. 14 | 17.8 | | | |
| | | | | Jan. 24 | 27.6 |

*Beginning Aug. 28, 1933, ref. pt. is top of casing, 1.5 feet above ground.
Elev. 547.4.

a Stopped windmill before measuring.

Measurements from Chino Basin Protective Association.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|---------|---|-------------|---------|---|
| | 1933 | | | 1933 | |
| D-913b-I-22 | Aug. 20 | 129.0 | D-929-J-23 | Aug. 29 | 45.9 |
| | Oct. 10 | 129.3 | | Oct. 12 | 45.2 |
| | 1934 | | | 1934 | |
| | Feb. 6 | 127.8 | | Feb. 6 | 42.9 |
| | 1933 | | | 1933 | |
| D-915-I-22 | Aug. 28 | 71.3 | D-929a-J-23 | Aug. 29 | 42.8 |
| | Oct. 10 | 70.4 | | Oct. 12 | 42.5 |
| | 1934 | | | 1934 | |
| | Feb. 6 | 66.6 | | Feb. 6 | 41.3 |
| | 1933 | | | 1933 | |
| D-918b-J-22 | Oct. 14 | 17.6 | D-935-I-23 | Aug. 29 | 108.4 |
| | | | | Oct. 12 | 108.4 |
| | 1934 | | | 1934 | |
| | Feb. 7 | 10.2 | | Jan. 24 | 107.1 |
| | 1933 | | | 1933 | |
| D-918d-J-22 | Aug. 28 | 29.4 | | | |
| | Oct. 12 | 28.5 | D-936a-I-23 | Oct. 12 | 133.4 |
| | 1934 | | | 1934 | |
| | Jan. 24 | 26.5 | | Feb. 5 | 131.9 |
| | 1933 | | | 1933 | |
| D-928a-J-23 | Oct. 12 | 40.9 | *D-938-I-23 | Aug. 29 | 107.8 |
| | | | | Oct. 12 | 107.6 |
| | 1934 | | | 1934 | |
| | Jan. 24 | 38.6 | | Feb. 6 | 106.5 |

*Beginning Aug. 29, 1933, ref. pt. is top of triangular post in north-west corner of pit, 0.8 foot below old ref. pt. Elev. 783.0.
Measurements from Chino Basin Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|--------------|---------|----------------------------------|---------|-------------|---------|----------------------------------|------|
| | | Feet | Feet | | | Feet | Feet |
| | 1933 | | | | 1933 | | |
| *D-940b-J-23 | Aug. 29 | a | 62.9 | D-983k-I-26 | Jan. 15 | 28.1 | |
| | Oct. 12 | a | 62.9 | | Feb. 14 | 27.8 | |
| | | | | | Mar. 19 | Plugged | |
| | 1934 | | | | | | |
| | Feb. 6 | a | 62.5 | D-984-I-26 | Apr. 17 | 93.0 | |
| | | | | | July 24 | 95.7 | |
| | | | | | Dec. 14 | 94.4 | |
| | 1933 | | | | | | |
| D-975c-I-25 | Feb. 14 | | 47.4 | D-985c-I-26 | Jan. 15 | 69.6 | |
| | May 22 | | 47.5 | | Feb. 14 | 68.8 | |
| | July 24 | | 48.2 | | May 22 | 70.3 | |
| | Dec. 14 | | 48.5 | | June 17 | 70.8 | |
| D-975d-I-25 | Dec. 14 | b | 14.0 | | Sep. 16 | 73.1 | |
| | | | | | Oct. 15 | 73.0 | |
| D-976a-J-25 | Jan. 15 | | 5.0 | | Dec. 14 | 72.2 | |
| | Feb. 14 | | 4.9 | | | | |
| | Mar. 19 | | 5.2 | 1934 | | | |
| | May 22 | | 5.3 | Jan. 16 | 70.6 | | |
| | July 24 | | 6.3 | | | | |
| | Aug. 21 | | 6.6 | 1933 | | | |
| | Sep. 16 | c | 7.2 | D-986-I-26 | Jan. 15 | 60.1 | |
| | Dec. 14 | b | 5.3 | | Feb. 14 | 59.1 | |
| | | | Mar. 19 | | 59.8 | | |
| D-983c-I-26 | Jan. 15 | | 57.7 | | Apr. 17 | 60.4 | |
| | Feb. 14 | | 57.9 | | May 22 | 60.4 | |
| | Mar. 19 | | 58.0 | | June 17 | 61.0 | |
| | Apr. 17 | | 58.0 | | Aug. 21 | 62.6 | |
| | May 22 | | 57.8 | Oct. 15 | 62.9 | | |
| | June 17 | | 57.7 | Nov. 13 | 62.9 | | |
| | July 24 | d | 57.9 | Dec. 14 | 62.4 | | |
| | Sep. 16 | | 58.1 | | | | |
| | Oct. 15 | | 58.1 | 1934 | | | |
| | Nov. 13 | | 58.1 | Jan. 16 | 60.6 | | |
| | Dec. 14 | | 58.1 | Feb. 16 | 60.9 | | |
| | 1934 | | | | | | |
| | Jan. 16 | | 58.2 | | | | |
| | Feb. 16 | | 58.3 | | | | |

* Beginning Aug. 29, 1933, ref. pt. is top of planks over well, 0.21 foot above old ref. pt. Elev. 701.5.

a Measurement from Chino Basin Protective Association.

b Has been pumping slowly.

c Pumping 3 minutes before measuring.

d Pumping 150 feet southwest.

Measurements from Riverside Cement Company except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|--------------|-----------|---|--------------|-----------|---|
| | 1933 | | | 1934 | |
| D-1001b-G-21 | Feb. 8 a | 219.6 | D-1008-H-22 | Feb. 6 | 179.4 |
| | Apr. 1 a | 219.5 | cont. | | |
| | Apr. 12 a | 235.0 | | 1933 | |
| | May 2 a | 242.2 | | | |
| | June 14 a | 252.8 | D-1016-H-22 | Aug. 25 | 261.3 |
| | July 1 a | 277.0 | | Oct. 10 | 261.6 |
| | Aug. 31 a | 301.0 | | 1934 | |
| | Oct. 4 a | 309.0 | | | |
| | Oct. 30 a | 308.0 | | Feb. 6 | 261.9 |
| | 1934 | | | 1933 | |
| | Jan. 5 a | 253.0 | | | |
| | 1933 | | D-1022-G-22 | Aug. 25 | 309.4 |
| D-1001g-G-21 | Jan. 11 a | 167.6 | | Oct. 11 | 309.5 |
| | Feb. 8 a | 161.1 | | 1934 | |
| | Apr. 1 a | 158.0 | | | |
| | May 2 a | 165.4 | | Jan. 24 | 308.6 |
| | Oct. 4 a | 230.0 | D-1025-G-23 | Mar. 7 bc | 442.5 |
| | Oct. 30 a | 228.0 | | 1933 | |
| | 1934 | | | | |
| | Jan. 5 a | 191.0 | *D-1029-H-23 | Aug. 25 | 217.9 |
| | 1933 | | | 1934 | |
| D-1001i-G-21 | Jan. 11 a | 207. | | Jan. 24 | 218.8 |
| | Feb. 8 a | 194. | | 1933 | |
| | Apr. 12 a | 210. | | | |
| | 1934 | | D-1030-H-23 | Aug. 29 | 164.3 |
| | | | | Oct. 12 | 164.6 |
| | | | | 1934 | |
| | Jan. 5 a | 250 | | Feb. 6 | 164.5 |
| D-1008-H-22 | Aug. 28 | 180.1 | | | |
| | Oct. 10 | 179.7 | | | |

*Beginning Aug. 25, 1933, ref. pt. is top of casing, 0.8 foot above ground.

Elev. 974.6.

a Measurement from owner.

b Measurement from Division of Water Resources.

c Electric tape.

Measurements from Chino Basin Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|--------------|------------|---|--------------|------------|---|
| | 1933 | | | 1934 | |
| D-1031-H-23 | Aug. 29 | 151.5 | D-1044-H-24 | Feb. 5 | 181.4 |
| | Oct. 11 | 151.5 | cont. | | |
| | 1934 | | | 1933 | |
| | Feb. 6 | 150.3 | D-1050-G-24 | Apr. 12 d | 363.8 |
| | | | | Aug. 26 | 367.5 |
| | | | | Oct. 11 | 368.0 |
| | 1933 | | | Dec. 14 d | 368.4 |
| D-1033-H-23 | Aug. 25 | 274.4 | | 1934 | |
| | Oct. 12 | 273.8 | | Feb. 5 | 367.9 |
| | 1934 | | | 1933 | |
| | Jan. 24 | 274.8 | D-1050a-G-24 | May 1 d | 435.2 |
| | 1933 | | | Dec. 14 d | 437.5 |
| *D-1037-G-23 | July 29 ab | 400.0 | D-1052-H-24 | May 1 de | 286.0 |
| | 1934 | | | Aug. 26 | 286.0 |
| | Mar. 7 bc | 400.0 | | Oct. 11 | 286.6 |
| | 1933 | | | Dec. 14 de | 288.3 |
| | | | | 1934 | |
| D-1043-H-24 | Aug. 26 | 117.9 | | Feb. 5 | 286.8 |
| | Oct. 11 | 118.1 | | 1933 | |
| | 1934 | | D-1053-H-24 | Aug. 26 | 229.8 |
| | Feb. 5 | 117.8 | | Oct. 11 | 230.1 |
| | 1933 | | | 1934 | |
| D-1044-H-24 | May 1 d | 179.0 | | Feb. 5 | 230.4 |
| | Aug. 26 | 180.8 | | 1933 | |
| | Oct. 11 | 181.2 | | | |
| | Dec. 14 d | 180.5 | D-1059-G-24 | Apr. 12 de | 400.4 |
| | | | | Dec. 14 de | 403.7 |

* Owner states that measurements from July 11, 1931 to Jan 27, 1933, are probably in error as the airline is out of order.

a Measurement from owner.

b Electric tape.

c Measurement from Division of Water Resources.

d Measurement from Fontana Union Water Company.

e Reference point is air gage.

Measurement from Chino Basin Protective Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|--------------|-----------|----------------------------------|--------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1934 | | | 1934 | |
| D-1061-G-25 | Jan. 19 a | 563. | D-1064b-H-25 | Feb. 5 | 332.2 |
| | Feb. 16 a | 563. | | cont. | |
| | Mar. 16 a | 564. | | | |
| | Aug. 26 | 565. | | 1933 | |
| D-1062-G-25 | Apr. 5 a | 426.5 | D-1065-H-25 | May 1bd | 238. |
| | Dec. 14 a | 434.4 | | Dec.15 bd | 239. |
| | 1934 | | D-1068-H-25 | Feb. 1 d | 246.1 |
| | Feb. 5 | 429.5 | | Mar. 1 d | 245.7 |
| | 1933 | | | Apr. 1 d | 245.6 |
| D-1062a-G-25 | Apr. 14 a | 419.5 | | May 1 d | 255.7 |
| | Dec. 15 a | 424.1 | | June 30d | 251.1 |
| D-1064-H-25 | May 1 ab | 293.8 | | Nov. 1 d | 248.0 |
| | Aug.26 c | 297.4 | | Dec. 5 d | 248.1 |
| | Oct.11 c | 297.5 | *D-1072-G-25 | Aug.26 | 310.2 |
| | 1934 | | | Oct. 11 | 305.6 |
| | Feb. 5 | c 296.6 | | 1934 | |
| | 1933 | | | Feb. 5 | 288.9 |
| D-1064a-H-25 | Apr.14 a | 339.6 | D-1075-G-25 | 1933 | |
| | Dec.14 a | 341.9 | | Jan. 19 d | 328.0 |
| | 1934 | | | Feb.16 d | 328.0 |
| | Feb. 5 | 344.2 | | Apr.16 d | 330.9 |
| | 1933 | | | May 15 d | 330.9 |
| D-1064b-H-25 | Apr.14 de | 330.8 | | Dec.15 d | 330.9 |
| | Aug.26 | 333.0 | D-1075a-G-25 | Feb.16bd | 379.1 |
| | Oct.11 | 333.0 | | Apr.16bd | 379.1 |
| | Dec.14 de | 335.4 | | May 15bd | 379.1 |
| | | | | Aug.26 c | 377.7 |
| | | | | Oct.11 c | 378.1 |
| | | | | Dec.15bd | 381.4 |
| | | | | 1934 | |
| | | | | Feb. 5 c | 378.5 |

*Ref. pt. is top edge of steel I beams at floor. Elev. 1406.2.

a Measurement from Fontana Union Water Company.

b Reference point (a) in Bulletin No. 39 used.

c Reference point (b) in Bulletin No. 39 used.

d Measurement from owner.

e Reference point is air gage.

Measurements from Chino Basin Protective Association except as noted.

| Well Number | Date | Dist.R.P. to Water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|-----------|----------------------------------|--------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1932 | |
| D-1081-H-26 | Jan. 15 | 248.3 | D-1095-G-26 | Dec. 1 a | 204.5 |
| | Feb. 14 | 248.6 | | | |
| | Mar. 19 | 248.6 | | 1933 | |
| | Apr. 17 | 248.4 | | Jan. a | 201.1 |
| | May 22 | 248.5 | | Feb. 1 a | 203.5 |
| | June 17 | 248.7 | | Mar. 1 a | 203.5 |
| | July 24 | 249.0 | | Apr. 1 a | 203.5 |
| | Aug. 21 | 249.4 | | Dec. 5 a | 209.9 |
| | Sep. 16 | 249.5 | | | |
| | Oct. 15 | 249.8 | D-1105-F-21 | Jan. 4 a | 457.9 |
| | Nov. 13 | 249.9 | | Feb. 1 a | 449.6 |
| | Dec. 14 | 250.1 | | Mar. 1 a | 442.2 |
| | 1934 | | | Mar. 29 a | 436.6 |
| | Jan. 16 | 250.2 | | May 3 a | 435.9 |
| | Feb. 16 | 250.1 | | Nov. 1 a | 480.8 |
| | | | | Dec. 6 a | 484.0 |
| | | | | Dec. 27 a | 476.8 |
| | 1933 | | | | |
| D-1088-H-26 | Feb. 1 a | 179.3 | D-1106-F-21 | Jan. 4 a | 278.0 |
| | Mar. 1 a | 178.9 | | Feb. 1 a | 266.0 |
| | Apr. 1 a | 177.1 | | Mar. 1 a | 255.5 |
| | May 1 a | 182.0 | | Mar. 29 a | 259.2 |
| | Oct. 11 a | 184.7 | | May 3 a | 267.6 |
| | Nov. 1 a | 185.4 | | June 7 a | 296.8 |
| | Dec. 5 a | 182.4 | | July 5 a | 310.1 |
| D-1090-H-26 | Jan. 15 | 115.9 | | Nov. 1 a | 332.9 |
| | Feb. 14 | 115.6 | | Dec. 6 a | 328.3 |
| | Mar. 19 | 115.1 | | Dec. 27 a | 305.2 |
| | Apr. 17 | 115.4 | | 1934 | |
| | May 22 | 115.2 | D-1108-F-22 | Mar. 7 bc | 387.9 |
| | June 17 | 115.8 | | | |
| | July 24 | 116.8 | D-1116a-F-22 | Jan. 4 | 373.0 |
| | Aug. 24 | 117.4 | D-116b-F-22 | Jan. 4 | 364.0 |
| | Sep. 16 | 117.7 | | | |
| | Oct. 15 | 118.2 | | 1933 | |
| | Nov. 13 | 118.4 | D-1156-F-24 | Jan. 7 d | 692. |
| | Dec. 14 | 118.5 | | Mar. 4 d | 693. |
| | 1934 | | | May 7 d | 694. |
| | Jan. 16 | 118.0 | | Aug. 8 d | 695. |
| | Feb. 16 | 117.6 | | Dec. 11 d | 696. |

a Measurement from owner.

b Measurement from Division of Water Resources.

c Electric tape.

d Measurement from Lytle Creek Water Conservation Association.

Measurements from Riverside Cement Company except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|---------------|---------|----------------------------------|-------------|----------------------|---------|----------------------------------|-------------|
| | | | <u>Feet</u> | | | | <u>Feet</u> |
| | 1933 | | | | 1933 | | |
| D-1161-E-25 | Jan. 18 | | 68. | D-1181-F-26 cont. | June 15 | | 206. |
| | Feb. 18 | | 59. | | July 18 | | 216. |
| | Mar. 15 | | 57. | | Aug. 16 | | 240. |
| | Oct. 30 | | 106. | | Sep. 21 | | 248. |
| | Nov. 16 | | 106. | | Oct. 30 | | 259. |
| | Dec. 15 | | 90. | | Nov. 16 | | 261. |
| | | | | | Dec. 15 | | 259. |
| D-1162a-E-25 | Jan. 18 | | 102. | **D-1181c-F-26 | Apr. 26 | | 103. |
| | Feb. 18 | | 84. | | May 15 | | 99. |
| | Mar. 15 | | 82. | | Aug. 16 | | 136. |
| | Dec. 15 | | 120. | | Sep. 21 | | 144. |
| D-1165-F-25 | Jan. 7 | a | 393. | | Oct. 30 | | 141. |
| | Apr. 6 | a | 392. | Nov. 16 | | 148. | |
| | June 6 | a | 391. | Dec. 15 | | 136. | |
| | Aug. 8 | a | 390. | D-1182b-E-26 | Jan. 18 | | 345. |
| | Oct. 4 | a | 388. | | Feb. 17 | | 341.4 |
| | Dec. 11 | a | 386.5 | | Mar. 15 | | 341.4 |
| D-1166-F-25 | Jan. 7 | a | 328.3 | | Apr. 26 | | 337. |
| | Mar. 4 | a | 328.3 | | May 15 | | 334. |
| | Oct. 4 | a | 328.3 | Aug. 16 | | 332. | |
| | Dec. 11 | a | 328.3 | Dec. 15 | | 332. | |
| *D-1177a-F-25 | Jan. 10 | bc | 461.5 | D-1182c-E-26 | Jan. 18 | d | 301.5 |
| | Apr. 3 | b | 461.5 | | Feb. 17 | d | 296.9 |
| | | | | | Mar. 15 | d | 294.5 |
| | 1934 | | | | Apr. 26 | d | 287.6 |
| | Feb. 13 | b | 464.2 | | Dec. 15 | d | 289.9 |
| | | | | ***D-1184-E-26 | Sep. 11 | e | 133.4 |
| | 1933 | | | Oct. 4 | e | 134.5 | |
| D-1181-F-26 | Jan. 18 | | 197. | Nov. 8 | e | 135.2 | |
| | Feb. 17 | | 192. | | | | |
| | Mar. 15 | | 179. | 1934 | | | |
| | Apr. 1 | | 177. | Jan. 4 | e | 138.6 | |
| | May 15 | | 182. | | | | |

*Beginning Jan. 10, 1933, ref. pt. is airline gage, 1 foot above ground.

**Sinking water from Power House when possible.

***Beginning Sep. 11, 1933, ref. pt. is bottom of pump base. Elev. 1877.7.

a Measurement from Lytle Creek Water Conservation Association.

b Measurement from C. A. Smith.

c Correction to measurement in Bulletin No. 39-A.

d Reference point (a) in Bulletin No. 39 used.

e Measurement from San Bernardino Water Department.

Measurements from Fontana Union Water Company except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|---------------|---------|----------------------------------|--------------|---------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1932 | |
| *D-1188a-F-26 | Jan. 18 | a 212.7 | D-1192c-F-26 | July 2 | 197.6 |
| | Feb. 17 | a 208.1 | | Aug. 2 | 198.9 |
| | Mar. 15 | a 205.8 | | Sep. 3 | 185.2 |
| | Apr. 1 | a 201.1 | | Oct. 1 | 181.6 |
| | Apr. 26 | a 196.5 | | Nov. 2 | 179.2 |
| | Dec. 15 | a 201.2 | | Dec. 1 | 176.7 |
| | | | | 1933 | |
| | | | | Jan. | 174.5 |
| | | | | Feb. 1 | 170.0 |
| | | | | Mar. 1 | 163.5 |
| | | | | May 1 | 186.2 |
| | | | | June 1 | 168.1 |
| | | | | June 30 | 178.8 |
| | | | | Aug. 2 | 158.3 |
| | | | | Dec. 5 | 175.4 |

* Beginning Apr. 14, 1932, ref. pt. is air gage, 2 feet above ground and 1 foot above floor. Elev. 1456.2.

a Measurement from Fontana Union Water Company.
Measurements from owner except as noted.

D-1116a-F-22, SCHOWALTER MUTUAL WATER COMPANY, NO. 2. MAP 6.

Log available.

Location and description--20 feet north of Ananas Street, 0.23 mile east of Hermosa Street. East of Upland.

Reference point--Air gage, 1.0 foot above ground.

Elevation of reference point--1900 from Met. W.D. topog. by D.W.R.

Use--Irrigation.

Depth of well--738 feet

Diameter of casing--20 inches.

Other numbers used--Location No. 18514.

| Date | Dist.R.P. to water surface |
|-------------------------|----------------------------------|
| | <u>Feet</u> |
| 1934 | |
| Jan. 4 | 373.0 |
| Measurement from owner. | |

D-1116b-F-22, SCHOWALTER MUTUAL WATER COMPANY, NO. 1. MAP 6.

Log available.

Location and description--0.25 mile north of Ananas Street, 400 feet east of Hermosa Street. East of Upland.

Reference point--Air gage, 1 foot above ground.

Elevation of reference point--1950 from Met.W.D. topog. by D.W.R.

Use--Irrigation.

Depth of well--618 feet.

Diameter of casing--16 inches.

Other numbers used--Location No. 18514A.

| Date | Dist.R.P. to water surface |
|-------------------------|----------------------------------|
| | <u>Feet</u> |
| 1934 | |
| Jan. 4 | 364.0 |
| Measurement from owner. | |

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in District "E"

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|-----------|----------------------------------|-------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1934 | | | 1933 | |
| E-1-E-27 | Jan. 4 | 13.5 | E-5e-F-27 | Feb. 14 | 184.1 |
| | 1933 | | | Mar. 9 | 185.8 |
| | | | | Apr. 10 | 183.3 |
| E-2-E-27 | Feb. 13 | 182.2 | | Oct. 4 | 185.2 |
| | Mar. 10 | 182.0 | | Nov. 7 | 184.5 |
| | Apr. 11 | 181.8 | | 1934 | |
| | May 1 | 182.3 | | Jan. 5 | 183.9 |
| | June 8 | 182.2 | | Jan. 23 a | 182.4 |
| | July 10 | 182.0 | | 1933 | |
| | Aug. 11 | 182.2 | | | |
| | Sep. 6 | 182.5 | | | |
| | Oct. 4 | 182.5 | | | |
| | Nov. 8 | 182.9 | E-6-F-27 | Jan. 1 | 277.0 |
| | 1934 | | | Feb. 1 | 266.0 |
| | | | | Mar. 1 | 260.0 |
| | Jan. 4 | 183.1 | | Apr. 1 | 258.0 |
| | 1933 | | | May 1 | 257.0 |
| | | | | June 1 | 258.0 |
| E-2a-E-27 | Feb. 10 | 216.8 | | 1932 | |
| | Apr. 29 | 220.6 | E-6b-F-27 | Jan. 4 b | 246.0 |
| | June 8 | 219.0 | | Feb. 2 b | 241.4 |
| | July 1 | 220.3 | | Mar. 5 b | 237.3 |
| | Nov. 29 | 218.5 | | Apr. 4 b | 235.2 |
| | 1934 | | | May 3 b | 237.1 |
| | | | | June 1 b | 240.5 |
| | Jan. 4 | 215.0 | | July 2 b | 240.1 |
| | 1933 | | | Aug. 2 b | 240.6 |
| | | | | Sep. 3 b | 241.1 |
| E-4a-F-27 | Feb. 14 | 221.1 | | 1933 | |
| | Mar. 9 | 221.7 | | | |
| | Apr. 11 | 222.8 | | Feb. 1 b | 232.5 |
| | May 1 | 222.8 | | Mar. 1 b | 230.6 |
| | June 8 | 221.9 | | Apr. 1 b | 226.1 |
| | Aug. 11 | 224.0 | | May 1 b | 227.4 |
| | Sep. 6 | 224.8 | | June 1 b | 223.4 |
| | Oct. 4 | 224.4 | | June 30 b | 229.0 |
| | Nov. 8 | 224.6 | | Aug. 2 b | 231.2 |
| | 1934 | | | Sep. 7 b | 243.8 |
| | | | | Oct. 6 b | 249.9 |
| | | | | Nov. 1 b | 245.8 |
| | | | | Dec. 5 b | 240.8 |
| | Jan. 5 | 223.9 | | | |
| | Jan. 23 a | 223.5 | | | |

a Measurement from Division of Water Resources.

b Measurement from owner.

Measurements from San Bernardino Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>feet</u> | Well Number | Date | Dist.R.P. to water surface <u>feet</u> |
|-------------|-------------|---|-------------|-----------|---|
| | 1932 | | | 1933 | |
| E-7-G-27 | Jan. 4 a | 97.6 | E-22-G-27 | Feb. 14 | 37.5 |
| | Feb. 2 a | 92.7 | | Mar. 9 | 38.0 |
| | Mar. 5 a | 92.5 | | Apr. 11 | 41.1 |
| | May 3 a | 111.7 | | May 2 | 40.6 |
| | Oct. 1 a | 119.5 | | June 8 | 42.1 |
| | | | | July 10 | 43.7 |
| | 1933 | | | Aug. 11 | 44.4 |
| | Jan. a | 120.9 | | Sep. 7 | 44.9 |
| | Feb. 1 a | 96.1 | | Oct. 4 | 44.4 |
| | Mar. 1 a | 97.7 | | Nov. 8 | 43.0 |
| | May 1 a | 99.7 | | 1934 | |
| E-10-E-27 | Feb. 10 | 181.9 | | Jan. 5 | 40.1 |
| | Mar. 10 | 181.3 | | Jan. 23 b | 40.2 |
| | Apr. 11 | 181.0 | | 1933 | |
| | May 1 | 181.6 | | | |
| | June 8 | 180.8 | E-23-G-27 | Apr. 11 | 41.3 |
| | Aug. 12 | 182.5 | | May 2 | 41.9 |
| | Oct. 2 | 182.2 | | July 8 | 44.6 |
| | Nov. 8 | 181.3 | | Aug. 12 | 47.5 |
| | 1934 | | | Sep. 7 | 47.9 |
| | Jan. 2 | 180.7 | | Oct. 4 | 46.5 |
| | Jan. 23 b | 180.1 | | Nov. 4 | 42.3 |
| | 1933 | | | 1934 | |
| E-15-G-27 | Feb. 14 | 62.0 | | Jan. 5 | 35.0 |
| | Mar. 9 | 61.7 | | 1932 | |
| | Apr. 11 | 71.6 | | | |
| | June 8 | 74.9 | E-24-E-28 | Feb. 6 | 18.7 |
| | July 10 Dry | 77.0 | | 1933 | |
| | Aug. 11 | 78.4 | | | |
| | Sep. 7 | 78.9 | | June 8 | 14.5 |
| | Oct. 4 | 77.1 | | July 10 | 16.9 |
| | Nov. 8 | 73.6 | | Aug. 10 | 18.0 |
| | 1934 | | | Sep. 6 | 18.8 |
| | Jan. 5 | 68.0 | | Oct. 4 | 19.1 |
| | Jan. 23 b | 64.8 | | Nov. 7 | 19.2 |
| | | | | 1934 | |
| | | | | Jan. 4 | 18.3 |

a Measurement from owner.

b Measurement from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|---------|----------------------------------|-------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| E-25e-F-28 | Feb. 13 | 170.1 | E-29b-G-27 | Feb. 4 a | 11.4 |
| | Mar. 10 | 169.9 | | Mar. 8 a | 10.7 |
| | Apr. 10 | 170.6 | | Mar. 25 a | 15.4 |
| | May 1 | 170.3 | | Apr. 27 a | 16.6 |
| | July 10 | 178.9 | | May 25 a | 15.4 |
| | Aug. 10 | 184.2 | | June 29 a | 18.2 |
| | Oct. 4 | 175.6 | | Aug. 9 a | 19.3 |
| | Nov. 7 | 175.8 | | Sep. 7 a | 19.6 |
| | 1934 | | | Oct. 13 a | 18.8 |
| | Jan. 4 | 175.1 | | Nov. 16 a | 16.8 |
| | 1933 | | E-31-G-28 | Dec. 20 a | 14.4 |
| E-26-F-27 | Feb. 13 | 93.1 | | Feb. 13 | 34.8 |
| | Mar. 10 | 93.0 | | Mar. 9 | 34.6 |
| | Apr. 11 | 93.5 | | Apr. 10 | 35.3 |
| | May 1 | 93.8 | | May 1 | 35.5 |
| | June 8 | 94.0 | | June 8 | 36.0 |
| | July 10 | 95.2 | | July 10 | 36.4 |
| | Aug. 10 | 95.1 | | Aug. 10 | 37.6 |
| | Sep. 7 | 95.7 | | Sep. 7 | 38.0 |
| | Oct. 4 | 96.2 | | Oct. 4 | 38.2 |
| | Nov. 8 | 96.8 | | Nov. 8 | 38.2 |
| | 1934 | | | 1934 | |
| | Jan. 4 | 96.9 | | Jan. 5 | 37.3 |
| | 1933 | | | Jan. 23 b | 37.1 |
| E-27-F-28 | Feb. 13 | 49.3 | E-31a-F-28 | 1933 | |
| | Mar. 9 | 50.1 | | Feb. 14 | 64.2 |
| | Apr. 10 | 50.1 | | Mar. 10 | 63.7 |
| | May 1 | 51.2 | | Apr. 11 | 64.5 |
| | June 8 | 51.6 | | May 2 | 64.7 |
| | July 10 | 52.1 | | June 8 | 68.4 |
| | Aug. 11 | 51.3 | | July 10 | 68.9 |
| | | | | Aug. 10 | 69.6 |
| E-29-G-28 | Feb. 1 | +48.4 | | Sep. 7 | 69.2 |
| | Mar. 1 | +47.2 | | Oct. 4 c | 73.8 |
| | Apr. 11 | +41.5 | | Nov. 8 | 68.1 |
| | May 2 | +46.1 | | 1934 | |
| | June 8 | +36.9 | | Jan. 5 | 67.2 |
| | July 8 | +32.3 | | | |

a Measurement from Water Conservation Association.

b Measurement from Division of Water Resources.

c Pumping.

Measurements from San Bernardino Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>feet</u> | Well Number | Date | Dist.R.P. to water surface <u>feet</u> |
|-------------|---------|---|-------------|-----------------|---|
| 1933 | | | 1934 | | |
| E-34-E-28 | Feb. 13 | 8.1 | E-35c-F-28 | Jan. 4 | 140.8 |
| | Mar. 10 | 8.4 | | cont. Jan. 22 a | 141.1 |
| | Apr. 10 | 9.5 | 1933 | | |
| | May 1 | 10.2 | E-36-F-28 | Jan. 1 b | 80.0 |
| | June 8 | 9.3 | | Feb. 1 | 79.0 |
| | July 10 | 11.2 | | Mar. 1 | 78.0 |
| | Aug. 10 | 12.4 | | Apr. 1 | 79.5 |
| | Sep. 6 | 12.9 | | May 1 | 80.0 |
| | Oct. 4 | 13.4 | | June 1 | 83.0 |
| Nov. 7 | 13.5 | July 1 | | 87.0 | |
| 1934 | | | | Aug. 1 | 88.0 |
| Jan. 4 | 10.0 | Sep. 1 | | 87.0 | |
| Jan. 23 a | 13.5 | Oct. 1 | | 86.0 | |
| 1933 | | | | Nov. 1 | 86.0 |
| E-34b-F-28 | Feb. 13 | 177.5 | | Dec. 1 | 86.0 |
| | Mar. 10 | 176.2 | E-37-F-28 | Feb. 14 | 43.2 |
| | Apr. 10 | 175.2 | | Mar. 8 c | 45.8 |
| | May 1 | 174.9 | | Apr. 11 | 54.6 |
| | June 8 | 174.4 | | May 2 | 49.7 |
| | July 10 | 175.1 | | June 8 | 56.7 |
| | Aug. 10 | 175.7 | | July 10 | 59.8 |
| | Sep. 6 | 176.5 | | Aug. 11 | 61.5 |
| | Oct. 4 | 177.3 | | Sep. 7 | 62.2 |
| | Nov. 7 | 178.4 | | Oct. 4 | 60.9 |
| 1934 | | | | Nov. 7 | 60.1 |
| Jan. 4 | 179.9 | Dec. 20 c | | 53.7 | |
| Jan. 23 a | 179.9 | 1934 | | | |
| 1933 | | | 1933 | | |
| E-35c-F-28 | Feb. 13 | 134.9 | E-38a-G-28 | Feb. 13 | 9.6 |
| | Mar. 10 | 134.8 | | Mar. 9 | 9.9 |
| | Apr. 10 | 135.8 | | Apr. 10 | 11.5 |
| | May 1 | 136.2 | | May 1 | 12.5 |
| | June 8 | 137.0 | | June 7 | 12.2 |
| | Aug. 10 | 140.1 | | July 7 | 14.2 |
| | Oct. 4 | 143.7 | | Aug. 5 | 15.3 |

a Measurement from Division of Water Resources.

b Correction to Bulletin No. 39-A

c Measurement from Water Conservation Association.

Measurements from San Bernardino Water Department except as noted.

| Dist.R.P. to water surface | | | Dist.R.P. to water surface | | |
|----------------------------------|-------------------|---------|----------------------------------|-----------|-------|
| Well Number | Date | Feet | Well Number | Date | Feet |
| | 1933 | | | 1933 | |
| E-38a-G-28 contd. | Sep. 6 | 14.9 | E-44-F-28 cont. | May 1 | 97.7 |
| | Oct. 5 | 15.2 | | June 8 | 97.8 |
| | Nov. 7 | 14.5 | | July 10 | 100.1 |
| | | | | Aug. 10 | 101.9 |
| | 1934 | | | Sep. 6 | 102.5 |
| | | | | Oct. 4 | 103.2 |
| | Jan. 3 | 12.2 | | Nov. 7 | 103.5 |
| | 1933 | | | 1934 | |
| E-39-G-28 | Feb. 4 a | +41.6 | | Jan. 4 | 102.0 |
| | Mar. 3 a | +39.5 | | Jan. 22 b | 101.6 |
| | Mar. 25 a | +31.4 | | | |
| | Apr. 27-Dec. 20 a | Flowing | | 1933 | |
| E-39d-G-28 | Feb. 4 a | +53.1 | E-45e-F-29 | Mar. 10 | 101.2 |
| | Apr. 27 a | +52.8 | | Apr. 10 | 101.2 |
| | May 26-Dec. 20 a | Flowing | | May 1 | 102.3 |
| E-42-G-28 | Feb. 1 | +23.1 | | June 8 | 103.8 |
| | Mar. 1 | +28.9 | | July 9 | 107.5 |
| | Apr. 1 | + 9.2 | | Aug. 10 | 110.1 |
| | May 1 | + 2.3 | | Sep. 6 | 113.0 |
| | June 1 | 7.0 | | Oct. 4 | 110.7 |
| | | | | Nov. 7 | 109.7 |
| | | | | 1934 | |
| E-43-G-28 | Feb. 13 | +50.8 | | Jan. 4 | 105.7 |
| | Mar. 9 | +46.2 | | Jan. 22 b | 107.0 |
| | Apr. 10 | +32.3 | | | |
| | May 1 | +36.9 | | 1933 | |
| | June 7 | +29.9 | | | |
| | July 7 | +23.1 | | | |
| | Aug. 10 | +19.8 | | | |
| | Sep. 6 | +23.1 | E-46-G-28 | Feb. 13 | 14.1 |
| | Oct. 5 | +24.2 | | Mar. 9 | 14.0 |
| | Nov. 9 | +27.7 | | Apr. 10 | 14.2 |
| | | | | May 2 | 14.2 |
| | | | | Aug. 11 | 16.5 |
| | 1934 | | | Sep. 6 | 16.6 |
| | | | | Nov. 8 | 17.0 |
| | Jan. 3 | +35.8 | | 1934 | |
| | 1933 | | | | |
| E-44-F-28 | Feb. 13 | 98.0 | | Jun. 5 | 16.3 |
| | Mar. 10 | 97.0 | | | |
| | Apr. 10 | 97.6 | | | |

a Measurement from Water conservation association.

b Measurement from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>feet</u> | Well Number | Date | Dist.R.P. to water surface <u>feet</u> |
|-------------|-----------|---|-------------|-----------|---|
| | 1933 | | | 1933 | |
| *E-46e-F-29 | Feb. 13 | 16.5 | E-47e-G-28 | Sep. 7 b | 26.8 |
| | Mar. 9 | 16.1 | cont. | Oct. 13 b | 27.5 |
| | Apr. 10 | 19.7 | | Nov. 16 b | 28.5 |
| | May 1 | 17.7 | | Dec. 20 b | 29.1 |
| | June 7 | 17.6 | | | |
| | July 7 | 19.8 | E-48-G-28 | Mar. 25 b | 25.4 |
| | Aug. 10 | 20.1 | | Apr. 28 b | 26.2 |
| | Sep. 6 | 15.3 | | May 26 b | 24.7 |
| | Oct. 5 | 14.4 | | | |
| | Nov. 7 | 15.7 | E-49-F-29 | Feb. 13 | 150.6 |
| | | | | Mar. 10 | 150.4 |
| | 1934 | | | Apr. 10 | 151.9 |
| | Jan. 3 | 14.1 | | May 1 | 152.4 |
| | | | | June 7 | 154.6 |
| | 1933 | | | July 10 | 158.2 |
| E-47-d-G-28 | Feb. 13 | 11.9 | | Oct. 4 | 163.1 |
| | Mar. 10 | 12.0 | | Nov. 7 | 161.5 |
| | Apr. 10 | 11.3 | | | |
| | May 1 | 11.6 | | 1934 | |
| | June 7 | 11.4 | | Jan. 4 | 158.3 |
| | July 7 | 11.8 | | | |
| | Aug. 7 | 12.4 | | 1933 | |
| | Sep. 6 | 12.5 | E-49d-F-29 | Feb. 13 | 160.0 |
| | Oct. 5 a | 13.4 | | Mar. 10 | 159.1 |
| | Nov. 7 | 13.5 | | Apr. 10 | 163.0 |
| | | | | May 1 | 166.2 |
| | 1934 | | | June 7 | 162.0 |
| | Jan. 3 | 14.2 | | July 10 | 166.9 |
| | | | | Aug. 10 | 171.7 |
| | 1933 | | | Sep. 6 | 170.5 |
| E-47e-G-28 | Feb. 3 b | 25.7 | | Oct. 4 | 170.8 |
| | Mar. 8 b | 25.2 | | Nov. 7 | 171.6 |
| | Mar. 25 b | 25.2 | | | |
| | Apr. 27 b | 25.1 | | 1934 | |
| | May 26 b | 27.0 | | Jan. 4 | 169.2 |
| | June 29 b | 25.7 | | Jan. 22 c | 168.5 |
| | Aug. 9 b | 26.4 | | | |

* Beginning Sep. 6, 1933, ref. pt. is top of casing, 4.5 feet below ground.
Elev. 1111.1.

a Pumping.

b Measurement from Water Conservation Association.

c Measurement from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|-------------|-----------|---|---------------|---------|---|
| | 1933 | | | 1933 | |
| E-50a-F-29 | Feb. 13 | 34.4 | **E-52g-G-29 | Aug. 10 | 42.2 |
| | Apr. 10 | 38.0 | | Sep. 6 | 43.5 |
| | May 1 | 37.8 | | Oct. 5 | 44.9 |
| | June 7 | 41.4 | | Nov. 4 | 46.2 |
| | July 7 | 45.8 | | | |
| | Aug. 10 | 48.0 | | 1934 | |
| | Sep. 6 | 48.9 | | Jan. 3 | 45.4 |
| | Oct. 5 | 48.1 | | | |
| | Nov. 7 | 46.5 | | 1933 | |
| | 1934 | | | | |
| | Jan. 4 | 42.0 | E-54-F-29 | June 7 | 267.3 |
| Jan. 22 a | 40.3 | | | Aug. 10 | 270.9 |
| | | | | Oct. 5 | 272.7 |
| | | | | Nov. 7 | 267.0 |
| | 1933 | | | | |
| | | | | 1934 | |
| E-50i-G-29 | Feb. 20 b | 8.8 | | Jan. 4 | 264.0 |
| | June 7 b | 14.2 | | | |
| | Aug. 15 b | 20.0 | | 1933 | |
| | 1934 | | | | |
| | Feb. 12 b | 15.2 | E-55b-G-29 | Feb. 13 | 144.4 |
| | | | | Mar. 10 | 139.6 |
| | 1933 | | | May 1 | 145.4 |
| | | | | June 7 | 147.1 |
| | | | | Nov. 7 | 147.5 |
| *E-51d-G-29 | Jan. 5 | 34.8 | | 1934 | |
| | Feb. 13 | 32.5 | | Jan. 4 | 143.0 |
| | Mar. 9 | 32.1 | | | |
| | Apr. 10 | 33.8 | | 1933 | |
| | May 1 | 34.8 | | | |
| | June 7 | 35.2 | | | |
| | July 7 | 35.6 | | | |
| | Aug. 10 | 38.7 | ***E-56i-G-29 | Feb. 13 | 76.9 |
| | Sep. 6 | 39.4 | | Mar. 9 | 76.8 |
| | Oct. 5 | 40.1 | | Apr. 10 | 76.4 |
| | Nov. 7 | 39.5 | | May 1 | 76.2 |
| | | | | June 7 | 77.3 |
| | 1934 | | | Aug. 11 | 82.2 |
| | | | | Sep. 6 | 84.0 |
| | Jan. 3 | 39.6 | | Oct. 5 | 85.5 |
| | | | | Nov. 7 | 86.8 |

*Ref. pt. is top of concrete pit, east side, 1.5 feet below ground. Elev. 1145.1.

**Beginning July 7, 1933, ref. pt. is top of 2 x 8 boards on top of pit at ground. Elev. 1141.6.

***Beginning June 7, 1933, ref. pt. is top of concrete block. Same elev.

a Measurement from Division of Water Resources.

b Measurement from United States Geological Survey.

Measurements from San Bernardino Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>feet</u> | Well Number | Date | Dist.R.P. to water surface <u>feet</u> |
|---------------------|-----------|---|-------------|-----------|---|
| | 1934 | | | 1933 | |
| E-56i-G-29 cont. | Jan. 3 | 86.6 | E-60-G-30 | Feb. 13 | 76.5 |
| | Feb. 7 | 83.6 | | Mar. 9 | 76.5 |
| | Mar. 5 | Plugged | | Apr. 10 | 76.2 |
| | | | | May 1 | 76.2 |
| | 1933 | | | June 7 | 75.9 |
| E-57-G-29 | Feb. 13 | 79.8 | | July 7 | 74.9 |
| | Mar. 9 | 74.6 | | Aug. 11 | 75.0 |
| | Apr. 10 | 76.1 | | Sep. 6 | 74.6 |
| | May 1 | 76.8 | | Oct. 5 | 75.0 |
| | June 7 | 78.2 | | Nov. 7 | 75.5 |
| | July 8 | 86.5 | | | |
| | Aug. 11 | 83.2 | | 1934 | |
| | Sep. 6 | 85.7 | | Jan. 4 | 75.9 |
| | Oct. 5 | 90.5 | | Jan. 23 b | 76.8 |
| | Nov. 7 | 91.0 | | | |
| | 1934 | | | 1933 | |
| | Jan. 3 | 87.5 | E-62a-G-30 | Feb. 13 | 247.0 |
| | | | | Mar. 19 | 250.2 |
| | 1933 | | | Apr. 10 | 249.6 |
| E-59-G-29 | Feb. 3 a | 80.2 | | May 1 | 250.4 |
| | Mar. 8 a | 78.1 | | June 7 | 252.0 |
| | May 26 a | 90.4 | | July 7 | 256.0 |
| | Aug. 9 a | 95.1 | | Aug. 11 | 259.7 |
| | Sep. 7 a | 99.1 | | Sep. 6 | 262.5 |
| | Oct. 13 a | 99.7 | | Oct. 5 | 264.2 |
| | | | | Nov. 7 | 265.5 |
| | | | | | |
| | | | | 1934 | |
| E-59a-G-30 | Feb. 13 | 110.8 | | Jan. 4 | 277.6 |
| | Mar. 9 | 109.1 | | Jan. 23 b | 270.6 |
| | Apr. 10 | 109.0 | | | |
| | May 1 | 108.4 | | 1933 | |
| | June 7 | 109.7 | | | |
| | July 7 | 111.1 | E-66-I-26 | Mar. 29 c | 11.0 |
| | Aug. 11 | 113.7 | | June 30 c | 11.5 |
| | Sep. 6 | 115.9 | | | |
| | Oct. 5 | 117.4 | | 1934 | |
| | Nov. 7 | 119.3 | | | |
| | | | | Jan. 5 c | 10.6 |
| | 1934 | | | Feb. 4 c | 10.5 |
| | Jan. 3 | 124.2 | | | |
| | Jan. 23 b | 122.5 | | | |

a Measurement from Water Conservation Association.

b Measurement from Division of Water Resources.

c Measurement from Riverside County Water Users Association.

Measurements from San Bernardino Water Department except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | | |
|-------------|---------|----------------------------------|---------|-------------|-----------|----------------------------------|-------|-------|
| | | Feet | | | | Feet | | |
| | 1932 | | | | 1933 | | | |
| E-67f-I-26 | Feb. 12 | | 21.4 | E-70-G-27 | Jan. 15 | b | 204. | |
| | Mar. 14 | | 18.8 | | Apr. 15 | b | 202. | |
| | Apr. 14 | | 18.8 | | July 15 | b | 212. | |
| | May 23 | | 20.0 | | Sep. 15 | b | 214. | |
| | June 14 | | 20.7 | | Dec. 15 | b | 212. | |
| | July 13 | | 21.7 | E-74-I-27 | Jan. 15 | | 58.6 | |
| | Aug. 16 | | 22.3 | | Feb. 14 | | 58.7 | |
| | Sep. 14 | | 23.3 | | May 22 | | 58.1 | |
| | Oct. 17 | | 23.6 | | July 24 | | 64.6 | |
| | Nov. 15 | | 24.1 | | Aug. 21 | | 66.8 | |
| | Dec. 15 | | 24.2 | | Sep. 16 | | 62.4 | |
| | | | | | Oct. 15 | | 61.8 | |
| | | | Dec. 14 | | | 61.0 | | |
| | 1933 | | | | | | | |
| | Jan. 15 | | 23.8 | 1934 | | | | |
| | Feb. 14 | | 22.8 | | | | | |
| | Mar. 19 | | 22.6 | | | | | |
| | Apr. 17 | | 22.4 | | Jan. 16 | | 61.2 | |
| | May 22 | | 22.3 | | | | | |
| | June 17 | | 22.9 | | 1933 | | | |
| | July 24 | | 24.0 | | | | | |
| | 1934 | | | E-74i-I-27 | | Jan. 31 | a | 121.8 |
| | | | | | | Mar. 29 | a | 121.0 |
| | | | | | | May 30 | a | 120.8 |
| E-67h-I-26 | Feb. 4 | a | 16.0 | | June 30 | a | 121.6 | |
| | | | | | July 30 | a | 122.4 | |
| | 1933 | | | | | | | |
| E-68g-I-26 | June 30 | a | 14.8 | 1934 | | | | |
| | | | | | Jan. 5 | a | 126.2 | |
| | 1934 | | | | Feb. 4 | a | 126.4 | |
| | Jan. 5 | a | 12.6 | 1932 | | | | |
| | 1933 | | | | E-75-H-27 | Jan. 18 | | 43.5 |
| | | | | | | Feb. 12 | | 37.8 |
| E-69L-I-26 | Jan. 31 | a | 10.4 | Mar. 14 | | | 29.9 | |
| | Mar. 29 | a | 9.9 | June 14 | | | 35.4 | |
| | May 30 | a | 10.4 | July 13 | | | 40.5 | |
| | June 30 | a | 10.6 | Aug. 16 | | | 45.4 | |
| | July 30 | a | 12.9 | Sept. 14 | | | 49.6 | |
| | 1934 | | | Oct. 17 | | | 52.2 | |
| | | | | Nov. 15 | | | 52.7 | |
| | Jan. 5 | a | 12.7 | Dec. 15 | | | 52.8 | |
| | Feb. 4 | a | 12.1 | | | | | |

a Measurement from Riverside County Water Users Association.

b Measurement from Colton Water Department.

Measurements from Riverside Cement Company except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|-------------|--------------|----------------------------------|---------|--------------|---------|----------------------------------|------|
| | | Feet | | | | Feet | |
| | 1933 | | | | 1933 | | |
| E-98-H-28 | Mar.3-Nov.16 | a | flowing | E-107b-H-29 | Feb. 2 | a | 81.4 |
| | Dec. 18 | a | leaking | | Mar. 3 | a | 80.4 |
| | | | | | Mar. 25 | a | 81.1 |
| E-101-G-28 | Feb. 13 | b | 14.9 | | Apr. 28 | a | 83.9 |
| | Mar. 9 | b | 19.4 | | May 26 | a | 83.5 |
| | Apr. 10 | b | 28.7 | | June 29 | a | 87.1 |
| | May 1 | b | 26.1 | | Aug. 9 | a | 94.4 |
| | June 7 | b | 32.0 | | Sep. 7 | a | 99.5 |
| | Nov. 7 | b | 32.0 | | Oct. 13 | a | 99.5 |
| | | | | | Nov. 16 | a | 90.9 |
| | 1934 | | | | Dec. 18 | a | 89.2 |
| | Jan. 3 | b | 19.4 | E-107d-H-29 | Feb. 20 | | 80.2 |
| | | | | | June 7 | | 80.0 |
| | 1933 | | | | Aug. 15 | | 81.2 |
| E-102m-H-28 | Feb. 20 | | 42.9 | | | | |
| | June 7 | | Dry | | 1934 | | |
| | | | | | Feb. 12 | | 82.0 |
| *E-106-H-29 | Feb. 20 | | 50.4 | | | | |
| | June 7 | | 55.6 | | 1933 | | |
| | Aug. 15 | | 61.0 | | | | |
| | 1934 | | | **E-109-G-29 | Mar. 4 | d | 35.8 |
| | | | | | Apr. 1 | d | 34.8 |
| | Feb. 12 | | 59.7 | | May 6 | d | 36.8 |
| | | | | | June 3 | d | 38.1 |
| | 1933 | | | | July 1 | d | 40.1 |
| | | | | | Aug. 5 | d | 43.0 |
| | | | | | Sep. 2 | d | 45.1 |
| E-106d-H-29 | Feb. 20 | | 54.6 | | Oct. 7 | d | 47.0 |
| | June 7 | | Covered | | Nov. 4 | d | 48.2 |
| | | | | | Dec. 2 | d | 49.0 |
| E-107a-H-29 | Feb. 20 | | 60.4 | | | | |
| | June 7 | | 64.0 | | 1934 | | |
| | Aug. 15 | | 67.3 | | | | |
| | Dec. 22 | c | 67.4 | | Jan. 6 | d | 49.2 |
| | | | | | Feb. 3 | d | 45.0 |
| | 1934 | | | | | | |
| | Feb. 12 | | 66.2 | | | | |

*Ref. pt. is top of casing, 0.4 foot above ground. Elev. 1147.9. Measurements in Bulletin No. 39-A are from P. E. Hicks.

**Elevation of ref. pt. is 1555.4. Note: 3.0 feet should be added to all measurements in Bulletin No. 39-A.

a Measurement from Water Conservation Association.

b Measurement from San Bernardino Water Department.

c Measurement from Division of Water Resources.

d Measurement from Gage Canal Company.

Measurements from United States Geological Survey except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|-----------|----------------------------------|-------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1934 | |
| E-110-H-29 | Feb. 20 | 62.2 | E-111h-H-29 | Feb. 12 | 72.2 |
| | June 7 | 63.5 | | cont. | |
| | Aug. 15 | 67.3 | | 1933 | |
| | Dec. 29 a | 66.9 | | | |
| | 1934 | | E-112a-H-29 | Feb. 20 | 79.5 |
| | | | | June 7 | 82.6 |
| | Feb. 12 | 66.7 | | Aug. 15 | 85.7 |
| | 1933 | | | 1934 | |
| *E-111-H-29 | Feb. 20 | 99.4 | | Feb. 12 | Plugged |
| | June 7 | 98.8 | | 1933 | |
| | Aug. 15 | 102.8 | | | |
| | 1934 | | E-112c-I-29 | Dec. 18 a | 45.0 |
| | | | E-114-H-29 | Dec. 21 a | 138.9 |
| | Feb. 12 | 105.9 | E-117-I-30 | Dec. 18 a | 68.9 |
| | 1933 | | E-118a-G-30 | Feb. 13 b | 126.2 |
| E-111a-H-29 | Feb. 20 | 60.2 | | Mar. 9 b | 124.0 |
| | June 7 | 62.9 | | May 1 b | 124.4 |
| | Aug. 15 | 63.7 | | June 7 b | 124.8 |
| | 1934 | | | July 7 b | 126.2 |
| | | | | Aug. 11 b | 128.6 |
| | Feb. 12 | 65.4 | | Sep. 6 b | 132.4 |
| | 1933 | | | Oct. 5 b | 134.0 |
| | | | | Nov. 7 b | Dry |
| | | | | 1934 | |
| E-111e-H-29 | Feb. 20 | 137.9 | | Jan. 3 b | 134.5 |
| | June 7 | 139.0 | | 1933 | |
| | Aug. 15 | 143.4 | | | |
| | 1934 | | E-119a-H-30 | Dec. 21 a | 189.2 |
| | | | E-120-H-30 | Dec. 22 a | 159.7 |
| | Feb. 12 | 148.6 | E-122k-I-30 | Dec. 18 a | 84.8 |
| | 1933 | | E-123c-H-30 | Dec. 21 a | 238.1 |
| E-111h-H-29 | Feb. 20 | 72.7 | E-127-H-31 | Dec. 21 a | 87.3 |
| | June 7 | 72.9 | | | |
| | Aug. 15 | 75.8 | | | |
| | Dec. 21 a | 78.7 | | | |

* Reference point is top of casing, 1.6 feet above ground. Elev. 1250.5.

a Measurement from Division of Water Resources.

b Measurement from San Bernardino Water Department

Measurements from United States Geological Survey except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|-----------|----------------------------------|-------------|-----------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| E-127b-G-31 | Dec. 21 | 207.7 | E-141-I-33 | Apr. 12 a | 62.4 |
| E-128-H-31 | Dec. 21 | 111.9 | | Dec. 21 | 59.8 |
| E-129-I-31 | Apr. 12 a | 75.3 | E-147b-K-21 | Jan. 2 b | 6.3 |
| E-130-I-31 | Dec. 19 | 28.8 | | Feb. 17 b | 5.5 |
| E-131e-H-32 | Dec. 21 | 40.0 | | Apr. 13 b | 5.5 |
| E-131f-G-31 | Dec. 19 | 58.7 | | June 14 b | 6.1 |
| E-132-I-31 | Dec. 20 | 108.7 | | Aug. 16 b | 7.4 |
| E-133-I-31 | Apr. 11 a | 89.8 | | Sep. 21 b | 7.3 |
| E-136-I-32 | Dec. 19 | 64.8 | | Oct. 19 b | 7.4 |
| E-136c-I-32 | Apr. 12 a | 127.7 | | Nov. 23 b | 7.5 |
| | Nov. 1 a | 134.5 | | Dec. 21 b | 7.1 |
| E-136f-I-32 | Apr. 12 a | 179.5 | | 1934 | |
| E-136i-I-32 | Apr. 12 a | 156.0 | | Jan. 5 b | 6.1 |
| | Nov. 1 a | 162.8 | | Jan. 24 b | 6.4 |
| E-137-H-32 | Apr. 12 a | 219.9 | | 1933 | |
| | Dec. 20 | 221.7 | | Jan. 2 b | 9.4 |
| E-138-I-32 | Apr. 12 a | 173.8 | | Feb. 17 b | 8.0 |
| | Nov. 11 a | 179.3 | | Apr. 7 b | 7.8 |
| | | | | May 1 b | 7.6 |
| E-138b-I-32 | Apr. 12 a | 222.2 | | June 15 b | 9.4 |
| E-139-H-32 | Apr. 15 a | 272.0 | | July 15 b | 10.4 |
| | Dec. 20 | 277.0 | | Aug. 16 b | 11.7 |
| E-139a-H-33 | Apr. 12 a | 255.7 | | Oct. 23 b | 11.9 |
| | Dec. 20 | 264. | | Nov. 23 b | 11.9 |
| E-140-H-33 | Apr. 12 a | 58.0 | | Dec. 21 b | 11.1 |
| E-140c-H-33 | Apr. 12 a | 22.8 | | 1934 | |
| | Dec. 21 | 27.4 | | Jan. 5 b | 10.1 |
| | | | | Jan. 24 b | 9.7 |
| | | | | 1933 | |
| | | | | Jan. 13 b | 117.9 |
| | | | | Feb. 18 b | 115.9 |
| | | | | Apr. 14 b | 115.3 |
| | | | | May 17 b | 115.1 |
| | | | | June 14 b | 115.0 |
| | | | | July 14 b | 115.5 |

*Beginning Oct. 13, 1932, ref. pt. is bottom of base of hand pump, 1.5 feet above ground. Elev. 503.7.

a Measurement from R. T. Gill.

b Measurement from W. B. Hoy.

Measurements from Division of Water Resources except as noted.

| Well Number | Date | Dist.R.P. to water surface <u>Feet</u> | Well Number | Date | Dist.R.P. to water surface <u>Feet</u> |
|---------------|---------|---|---------------|---------|---|
| | 1933 | | | 1933 | |
| E-148-K-22 | Aug. 17 | 116.0 | ***E-150-K-22 | Jan. 13 | 89.3 |
| cont. | Sep. 20 | 117.7 | | Feb. 18 | 89.0 |
| | Oct. 17 | a 116.6 | | Mar. 12 | 89.0 |
| | 1934 | | | Apr. 14 | 89.2 |
| | Jan. 7 | b 116.9 | | May 17 | 89.3 |
| | 1933 | | | June 14 | 89.5 |
| *E-149d-K-22 | Jan. 2 | 50.3 | | July 14 | 89.9 |
| | Feb. 17 | 48.9 | | Aug. 17 | 90.2 |
| | Mar. 6 | 49.2 | | Sep. 20 | 90.8 |
| | Apr. 7 | 49.6 | | Oct. 17 | a 89.9 |
| | May 1 | 49.8 | | 1934 | |
| | June 1 | 49.9 | | Jan. 10 | 89.2 |
| | July 1 | 50.7 | | 1933 | |
| | Aug. 1 | 51.2 | E-150b-K-22 | Jan. 2 | 50.0 |
| | Sep. 1 | 51.3 | | Feb. 17 | 49.2 |
| | Oct. 3 | 51.3 | | Mar. 15 | 49.0 |
| | Nov. 1 | 50.7 | | Apr. 7 | 49.2 |
| | Dec. 5 | 50.2 | | May 1 | 49.5 |
| | 1934 | | | June 1 | 49.7 |
| | Jan. 5 | 49.3 | | July 1 | 50.3 |
| | Jan. 24 | 49.4 | | Aug. 1 | 51.0 |
| | 1933 | | | Sep. 1 | 51.0 |
| **E-149i-K-22 | Feb. 2 | a 55.5 | | Oct. 3 | 51.0 |
| | Mar. 30 | b 55.9 | | Nov. 1 | 50.6 |
| | June 30 | b 56.1 | | Dec. 5 | 50.2 |
| | Oct. 18 | a 56.0 | | 1934 | |
| | 1934 | | | Jan. 5 | 49.7 |
| | Jan. 7 | b 55.6 | | | |
| | Feb. 8 | a 55.9 | | | |

* Beginning Sep. 13, 1932, ref. pt. is hole in center of cap over casing. Elev. 570.9.

** Beginning Apr. 13, 1932, ref. pt. is hole in center of cap over casing. Elev. 588.0.

*** Beginning July 13, 1932, ref. pt. is top of concrete base, west side. Elev. 601.2.

a Measurement from J. R. Shoemaker.

b Measurement from Riverside County Water Users Association.
Measurements from W. W. Hoy except as noted.

| Well Number | Date | Dist. R.P. to water surface | Well Number | Date | Dist. R.P. to water surface |
|-------------|---------|-----------------------------------|-------------|-----------|-----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| E-151-K-22 | Jan. 2 | 21.4 | *E-153-K-22 | Jan. 2 | 32.1 |
| | Feb. 17 | 18.5 | | Feb. 17 | 32.2 |
| | Mar. 15 | 17.8 | | Mar. 6 | 32.2 |
| | Apr. 13 | 18.3 | | Apr. 7 | 32.3 |
| | May 1 | 17.7 | | May 1 | 32.2 |
| | June 1 | 18.6 | | June 1 | 38.7 |
| | July 1 | 22.0 | | July 3 | 32.6 |
| | Aug. 1 | 24.2 | | Aug. 1 | 33.5 |
| | Sept. 1 | 25.9 | | Sept. 1 | 32.8 |
| | Oct. 3 | 26.0 | | Oct. 3 | 32.9 |
| | Nov. 1 | 25.9 | | Nov. 1 | 33.1 |
| | Dec. 5 | 26.2 | | Dec. 5 | 33.1 |
| | 1934 | | | 1934 | |
| | Jan. 5 | 23.2 | | Jan. 5 | 33.1 |
| | 1932 | | | 1933 | |
| E-151f-K-22 | June 10 | 31.4 | E-156-K-23 | Jan. 13 | 53.2 |
| | Sep. 13 | 35.0 | | Feb. 18 | 53.2 |
| | Oct. 13 | 33.5 | | Mar. 16 | 53.3 |
| | Nov. 16 | 33.6 | | Apr. 14 | 53.3 |
| | Dec. 15 | 33.4 | | May 17 | 53.4 |
| | 1933 | | | June 14 a | |
| | Jan. 14 | 33.1 | | Oct. 18 b | 53.6 |
| | Feb. 17 | 32.4 | | 1934 | |
| | Mar. 15 | 32.2 | | Feb. 8 b | 53.9 |
| | Apr. 15 | 32.3 | | 1933 | |
| | May 16 | 32.0 | E-157-K-23 | Jan. 13 | 35.3 |
| | June 15 | 33.4 | | Feb. 18 | 35.4 |
| | July 15 | 33.1 | | Mar. 16 | 35.4 |
| | Aug. 16 | 34.9 | | Apr. 14 | 35.4 |
| | Sep. 21 | 34.3 | | May 17 | 35.5 |
| | Nov. 23 | 34.2 | | June 14 | 35.6 |
| | 1934 | | | July 19 | 35.7 |
| | Jan. 10 | 33.8 | | Aug. 17 | 35.8 |
| | Jan. 25 | 33.7 | | Sep. 20 | 38.0 |
| | | | | Oct. 18 | 36.0 |
| | | | | Nov. 22 | 36.1 |

* Beginning Mar. 6, 1933, ref. pt. is top of pipe. Same elevation.

a Shut off with high fence.

b Measurement from J. R. Shoemaker.

Measurements from W. W. Hoy except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|---------------------|---------|----------------------------------|-------------|----------------------|---------|----------------------------------|-------------|
| | | | <u>Feet</u> | | | | <u>Feet</u> |
| | 1934 | | | | 1934 | | |
| E-157-K-23 cont. | Jan. 10 | a | 36.2 | E-173e-K-25 cont. | Jan. 6 | | 5.4 |
| | Jan. 22 | a | 36.3 | | Feb. 5 | | 5.3 |
| | 1933 | | | | 1933 | | |
| E-169a-K-24 | Mar. 30 | | 11.9 | E-174-K-25 | Mar. 31 | | 19.7 |
| | June 30 | | 13.7 | | Apr. 29 | | 21.6 |
| | 1934 | | | | May 31 | | 21.2 |
| | Jan. 6 | | 13.0 | | June 30 | | 21.5 |
| | 1933 | | | | 1934 | | |
| E-169c-K-24 | Mar. 30 | | 15.2 | E-178-J-25 | Jan. 6 | | 19.9 |
| | June 30 | | 10.6 | | Jan. 6 | | 40.0 |
| | 1934 | | | | 1933 | | |
| | Jan. 6 | | 10.2 | E-179c-K-25 | Jan. 28 | | 20.4 |
| | 1933 | | | | Feb. 27 | | 20.3 |
| E-170-J-25 | Feb. 27 | | 54.2 | | Mar. 31 | | 20.7 |
| | 1934 | | | | Apr. 29 | | 20.8 |
| | Jan. 6 | | 55.8 | | May 31 | | 20.9 |
| | Feb. 5 | | 55.8 | | June 30 | | 21.1 |
| | Mar. 4 | Owner refuses | | | July 31 | | 21.3 |
| | 1933 | | | | 1934 | | |
| *E-172-J-25 | Mar. 31 | | 5.8 | E-182-K-25 | Jan. 6 | | 21.4 |
| | Apr. 29 | | 5.5 | | Feb. 5 | | 21.3 |
| | 1934 | | | | 1933 | | |
| | Jan. 6 | | 6.2 | | Jan. 28 | | 69.5 |
| | Feb. 5 | | 6.4 | | Feb. 27 | | 70.0 |
| | 1933 | | | | Mar. 31 | | 70.3 |
| | Jan. 6 | | 6.2 | | Apr. 29 | | 70.6 |
| | Feb. 5 | | 6.4 | | May 31 | | 71.0 |
| | 1933 | | | | June 30 | | 71.2 |
| | Jan. 28 | | 5.1 | | July 31 | | 71.3 |
| E-173e-K-25 | Apr. 29 | | 12.9 | | 1934 | | |
| | May 31 | | 6.4 | Jan. 7 | | 71.6 | |
| | June 30 | | 6.3 | Feb. 5 | | 71.7 | |

* Beginning Aug. 26, 1932, reference point is top of 12" x 12" across pit, 0.6 feet below ground and 0.3 foot below old reference point.

a Measurement from W. W. Hoy.

Measurements from Riverside County Water Users Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|---------|----------------------------------|-------------|--------------|----------------------------------|
| | | <u>Feet</u> | | | <u>Feet</u> |
| | 1933 | | | 1933 | |
| E-184c-J-25 | Jan. 28 | 61.7 | E-192a-J-26 | Jan. 28 | 6.5 |
| | Feb. 27 | 61.4 | | Feb. 27 | 6.2 |
| | Mar. 31 | 61.7 | | Apr. 30 | 6.1 |
| | Apr. 29 | 61.8 | | June 30 | 6.8 |
| | May 31 | 61.8 | | July 31 | 8.0 |
| | June 30 | 62.1 | | | |
| | July 31 | 62.4 | | 1934 | |
| | 1934 | | | Feb. 4 | 10.7 |
| | Jan. 6 | 62.4 | E-193b-K-26 | Jan. 7 | 104.0 |
| | Feb. 4 | 61.1 | | | |
| | 1933 | | E-194-K-26 | Jan. 7 | 109.0 |
| | | | | Feb. 5 | 109.0 |
| E-185-J-25 | Jan. 28 | 42.0 | | 1933 | |
| | Feb. 27 | 41.8 | | | |
| | 1934 | | E-196-I-26 | Jan. 15 | a 8.1 |
| | Jan. 6 | 43.2 | | Feb. 14 | a 7.7 |
| | Feb. 5 | 44.8 | | Mar. 19 | a 7.5 |
| | 1933 | | | Apr. 17 | a 7.4 |
| | | | | May 22 | a 7.3 |
| | | | | June 17 | a 7.7 |
| | | | | July 24 | a 9.0 |
| | | | | Aug. 21 | a 9.3 |
| | | | | Sep. 16 | a 11.2 |
| | | | | Oct. 15 | a 11.0 |
| | | | | Nov. 13 | a 10.5 |
| | | | | Dec. 14 | a 10.0 |
| E-192-J-26 | Jan. 15 | a 66.5 | | 1934 | |
| | Feb. 14 | a 65.9 | | Jan. 16 | a 9.4 |
| | Mar. 19 | a 65.3 | | Feb. 16 | a 9.4 |
| | Apr. 17 | a 65.5 | | | |
| | May 22 | a 64.9 | E-196e-J-26 | Mar. 6 | b 89.0 |
| | June 17 | a 66.4 | | | |
| | July 24 | a 72.2 | E-201c-I-27 | See page 124 | |
| | Aug. 21 | a 74.7 | | | |
| | Sep. 16 | a 75.1 | | | |
| | Oct. 15 | a 73.7 | | | |
| | Nov. 14 | a 71.0 | | | |
| | Dec. 15 | a 70.1 | | | |
| | 1934 | | | | |
| | Jan. 16 | a 68.7 | | | |
| | Feb. 16 | a 71.0 | | | |

a Measurement from Riverside Cement Company.

b Measurement from owner.

Measurements from Riverside County Water Users Association except as noted.

| Well Number | Date | Dist.R.P. to water surface | | Well Number | Date | Dist.R.P. to water surface | |
|--------------|---------|----------------------------------|-------|--------------|---------|----------------------------------|------|
| | | Feet | Feet | | | Feet | Feet |
| | 1933 | | | | 1933 | | |
| *E-201d-I-27 | Feb. 27 | a | 85.0 | E-265-L-21 | Feb. 2 | d | 16.2 |
| | Mar. 29 | a | 84.9 | | Oct. 17 | d | 18.8 |
| | Apr. 29 | a | 84.8 | | | | |
| | July 30 | a | 87.9 | | 1934 | | |
| | 1934 | | | | Jan. 7 | a | 18.0 |
| | Jan. 5 | a | 87.8 | | Feb. 8 | d | 18.0 |
| | Feb. 4 | a | 87.0 | | 1933 | | |
| | Mar. 4 | a | 86.8 | | | | |
| E-202-J-26 | Mar. 6 | b | 157.0 | **E-267-L-21 | Oct. 17 | d | 8.2 |
| | 1933 | | | | 1934 | | |
| E-223-J-30 | Dec. 18 | | 52.0 | | Feb. 8 | d | 7.1 |
| E-225b-J-31 | Dec. 18 | c | 44.5 | | 1933 | | |
| E-227-J-31 | Dec. 18 | | 74.2 | E-268-L-21 | Feb. 2 | d | 37.6 |
| E-227-c-J-32 | Dec. 18 | | 17.6 | | Oct. 17 | d | 39.9 |
| E-232-J-32 | Dec. 19 | | 179.2 | | 1934 | | |
| E-232b-J-32 | Dec. 19 | | 82.8 | | Feb. 8 | d | 38.8 |
| E-233d-J-32 | Dec. 19 | | 82.7 | | 1933 | | |
| E-234-J-32 | Dec. 18 | | 25.2 | E-268b-L-21 | Jan. 2 | e | 17.3 |
| E-236-J-33 | Dec. 19 | | 90.7 | | Feb. 17 | e | 15.9 |
| E-236d-J-33 | Dec. 19 | | 165.5 | | Apr. 7 | e | 15.6 |
| E-237-K-33 | Dec. 18 | | 46.8 | | May 1 | e | 15.3 |
| E-240-J-33 | Dec. 19 | | 320.6 | | June 1 | e | 16.0 |
| E-249-J-34 | Dec. 19 | | 68.5 | | July 1 | e | 18.4 |
| | | | | | Sep. 1 | e | 19.1 |
| | | | | | Oct. 3 | e | 19.0 |
| | | | | | Dec. 5 | e | 19.2 |
| | | | | | 1934 | | |
| | | | | | Jan. 5 | e | 18.1 |
| | | | | | Feb. 6 | a | 17.2 |

* Beginning Aug. 24, 1932, ref. pt. is hole at air line, 0.9 foot above old ref. pt. Elev. 907.1.

** Beginning Oct. 17, 1933, ref. pt. is 2.2 feet above ground. Elev. 491.0.

a Measurement from Riverside County Water Users Association.

b Measurement from owner.

c Windmill pumping small amount of water.

d Measurement from J. R. Shoemaker.

e Measurement from W. W. Hoy

Measurements from Division of Water Resources except as noted.

| Well Number | Date | Dist.R.P. to water surface Feet | Well Number | Date | Dist.R.P. to water surface Feet | |
|-------------|---------|--|-------------|---------|--|-------|
| | 1933 | | | 1933 | | |
| E-270-L-21 | Jan. 12 | 103.3 | E-273a-L-22 | Sep. 1 | 141.1 | |
| | Feb. 18 | 102.5 | | Oct. 3 | 141.5 | |
| | Mar. 16 | 102.0 | | Nov. 1 | 142.0 | |
| | Apr. 14 | 101.6 | | Dec. 5 | 142.3 | |
| | May 17 | 101.5 | | | | |
| | June 14 | 101.3 | 1934 | | | |
| | July 14 | 102.0 | | | | |
| | Aug. 17 | 103.3 | Jan. 5 | 141.7 | | |
| | Sep. 20 | 105.6 | Feb. 6 | a | 140.8 | |
| | 1934 | | | 1933 | | |
| | Jan. 10 | 104.2 | E-274c-L-22 | Jan. 14 | b | 74.6 |
| | Jan. 22 | 104.0 | | Feb. 17 | | 72.9 |
| | | | | Mar. 6 | | 72.4 |
| | | | | Apr. 7 | | 72.0 |
| | 1933 | | | May 1 | | 72.3 |
| E-272-L-22 | Jan. 2 | 27.7 | | June 1 | | 72.8 |
| | Feb. 17 | 24.9 | | July 1 | | 75.7 |
| | Mar. 6 | 24.3 | | Aug. 1 | | 77.0 |
| | Apr. 7 | 24.2 | | Sep. 1 | | Dry |
| | May 1 | 24.0 | | | | |
| | June 1 | 25.8 | | 1934 | | |
| | July 1 | 30.8 | | | | |
| | Aug. 1 | 33.4 | | Jan. 5 | | 76.8 |
| | Sep. 1 | 33.9 | | Jan. 24 | | 75.4 |
| | Oct. 3 | 34.2 | | | | |
| | Nov. 1 | 34.1 | | 1933 | | |
| | Dec. 5 | 34.5 | | | | |
| | 1934 | | E-275-L-22 | Jan. 2 | | 102.4 |
| | Jan. 5 | 29.9 | | Feb. 17 | | 100.9 |
| | Jan. 24 | 28.6 | | Mar. 6 | | 100.5 |
| | | | | Apr. 13 | | 100.1 |
| | 1933 | | | May 1 | | 100.7 |
| E-273a-L-22 | Jan. 2 | 140.7 | | June 1 | | 100.7 |
| | Feb. 17 | 139.2 | | July 1 | | 101.8 |
| | Mar. 6 | 138.8 | | Sep. 21 | | 103.8 |
| | Apr. 7 | 138.4 | | Oct. 3 | | 104.0 |
| | May 1 | 138.4 | | Nov. 23 | | 104.8 |
| | June 1 | 138.5 | | Dec. 23 | | 103.6 |
| | July 1 | 139.4 | | | | |
| | Aug. 1 | 140.3 | 1934 | | | |
| | | | Jan. 5 | | 102.8 | |
| | | | Jan. 24 | | 102.2 | |

a Measurement from Riverside County Water Users Association.

b Correction to Bulletin No. 39-A.

Measurements from W. E. Hoy except as noted.

| Dist.R.P. to water surface | | | Dist.R.P. to water surface | | | |
|----------------------------------|---------|--------------|----------------------------------|---------|-------------|------|
| Well Number | Date | <u>Feet</u> | Well Number | Date | <u>Feet</u> | |
| | 1933 | | | 1933 | | |
| E-276-L-22 | Feb. 17 | 143.4 | E-279-L-22 | Aug. 1 | 33.2 | |
| | Mar. 6 | a 148.1 | | cont. | Sep. 1 | 32.6 |
| | Apr. 7 | a 147.5 | | Oct. 3 | 32.8 | |
| | June 1 | a 148.3 | | Nov. 1 | 32.7 | |
| | Aug. 1 | a 150.0 | | Dec. 5 | 32.8 | |
| | Sep. 21 | a 147.0 | | | | |
| | Oct. 3 | 151.2 | | 1934 | | |
| | Nov. 23 | a 152.3 | | Jan. 5 | 31.7 | |
| | Dec. 21 | 146.5 | | Jan. 24 | 31.1 | |
| | 1934 | | | 1933 | | |
| Jan. 5 | 145.9 | **E-280-L-22 | Feb. 17 | 33.1 | | |
| Jan. 24 | 144.9 | | Mar. 6 | 32.6 | | |
| | 1933 | | Apr. 7 | 33.2 | | |
| E-276c-L-22 | Feb. 17 | | 189.3 | May 1 | 33.6 | |
| | Mar. 6 | | 189.1 | June 1 | 34.1 | |
| | Apr. 7 | 189.3 | July 1 | 35.0 | | |
| | May 1 | 189.4 | Aug. 1 | 35.9 | | |
| | June 5 | 189.6 | Sep. 1 | 36.5 | | |
| | July 1 | 189.7 | Oct. 3 | 37.0 | | |
| | Aug. 1 | 189.9 | Nov. 1 | 37.2 | | |
| | Sep. 1 | 189.9 | Dec. 5 | 37.3 | | |
| | Oct. 3 | 193.6 | | 1934 | | |
| | Nov. 1 | 190.6 | Jan. 5 | 35.4 | | |
| | Dec. 5 | 192.5 | Jan. 24 | 35.0 | | |
| | 1934 | | 1933 | | | |
| Jan. 5 | 190.2 | E-280d-L-22 | Jan. 28 | b 96.2 | | |
| Jan. 24 | 189.7 | | Mar. 30 | b 95.3 | | |
| | 1933 | | Apr. 29 | b 96.1 | | |
| *E-279-L-22 | Feb. 17 | | 29.4 | May 31 | b 97.9 | |
| | Mar. 6 | | 28.8 | June 30 | b 97.5 | |
| | Apr. 7 | 30.5 | | 1934 | | |
| | May 1 | 29.7 | Jan. 7 | b 98.2 | | |
| | June 1 | 31.3 | Feb. 6 | b 98.3 | | |
| | July 3 | 31.1 | | | | |

* Beginning Mar. 6, 1933, ref. pt. is top of pipe. Same elev.

** Beginning Jan. 31, 1933, ref. pt. is top of pipe. Elev. 568.4.

a Pumping.

b Measurement from Riverside County Water Users Association.
Measurements from W. W. Hoy except as noted.

| Well Number | Date | Dist.R.P. to water surface | Well Number | Date | Dist.R.P. to water surface |
|-------------|---------|----------------------------------|-------------|---------|----------------------------------|
| | | Feet | | | Feet |
| | | 1933 | | 1933 | |
| E-282c-L-22 | Feb. 17 | 87.8 | E-287c-L-23 | Jan. 2 | 87.4 |
| | Mar. 6 | 87.4 | | Jan. 31 | 86.8 |
| | Sep. 21 | 91.5 | | Mar. 6 | 86.4 |
| | Nov. 1 | 91.7 | | Apr. 7 | 86.0 |
| | Dec. 21 | 91.5 | | May 1 | 86.1 |
| | | | | June 1 | 86.6 |
| | 1934 | | | Aug. 1 | 87.7 |
| | | | | Sep. 1 | 88.6 |
| | Jan. 5 | 90.7 | | Oct. 3 | 89.1 |
| | Jan. 24 | 90.0 | | Nov. 1 | 89.5 |
| | | | | Dec. 21 | 90.0 |
| | | 1933 | | | |
| E-282f-L-22 | Jan. 2 | 82.3 | | 1934 | |
| | Feb. 17 | 80.6 | | Jan. 5 | 89.8 |
| | Mar. 6 | 80.2 | | Jan. 22 | 89.7 |
| | Apr. 7 | 80.5 | | | |
| | June 1 | 81.4 | | 1933 | |
| | Aug. 1 | 82.9 | E-291b-L-23 | Jan. 13 | 21.4 |
| | Oct. 3 | 83.7 | | Feb. 18 | 18.9 |
| | Nov. 1 | 84.2 | | Mar. 16 | 19.3 |
| | Dec. 5 | 84.9 | | Apr. 14 | 20.4 |
| | | | | May 17 | 22.0 |
| | 1934 | | | June 14 | a 24.1 |
| | Jan. 5 | 83.4 | | July 14 | a 25.4 |
| | Jan. 24 | 83.0 | | Aug. 17 | a 26.6 |
| | | | | Sep. 20 | a 27.5 |
| | | 1933 | | Oct. 18 | 27.7 |
| E-286c-L-23 | Feb. 7 | 44.1 | | Nov. 22 | 28.1 |
| | Feb. 17 | 42.8 | | | |
| | Mar. 6 | 43.5 | | 1934 | |
| | Apr. 7 | 43.3 | | Jan. 10 | 27.9 |
| | May 1 | 43.4 | | Jan. 22 | 28.1 |
| | July 1 | 44.0 | | | |
| | Aug. 1 | 44.9 | | 1933 | |
| | Sep. 1 | 45.7 | E-294-L-23 | Jan. 28 | b 22.5 |
| | Oct. 3 | 46.2 | | Mar. 30 | b 22.5 |
| | Nov. 1 | 46.7 | | May 31 | b 27.2 |
| | Dec. 5 | 47.1 | | June 30 | b 28.2 |
| | | | | | |
| | | 1934 | | 1934 | |
| | Jan. 5 | 47.3 | | | |
| | Jan. 24 | 47.0 | | Jan. 6 | b 30.6 |

a Pump to east running.

b Measurement from Riverside County Water Users Association.

Measurements from J. W. Hoy except as noted.

E-201c-1-27, STERNS HUTCHINS. MAP 8.

Location and description—0.16 mile north of Indianapolis Ave., 150 feet west of Iowa Ave. Northeast of Riverside.

Reference point—Top of iron clamp 1.9 feet above ground, to and including Dec. 28, 1927; then nail on side of garage 2.9 feet above top of casing and 4.2 feet above ground.

Elevation of reference point—949.6 to and including Dec. 28, 1927; then 951.9 from levels by Davidson and Fulmor.

Use—Not used.

Diameter of casing—8 inches.

Other numbers used—Riverside Water Co. H-37; State Div. E. and I. No. 44, Elsinore Quad.; Sanborn No. 26C; Location No. 17050D.

| Date | | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> | Date | Dist.R.P. to water surface <u>Feet</u> |
|---------|---|---|---------|---|--------|---|
| 1921 | | | 1932 | | 1934 | |
| Jan. 25 | a | 116.4 | June 23 | 136.2 | Jan. 5 | 133.7 |
| Mar. 8 | a | 116.1 | Sep. 30 | 137.4 | Feb. 4 | 133.6 |
| Mar. 31 | b | 116.0 | Dec. 29 | 138.2 | | |
| 1925 | | | 1933 | | | |
| Oct. 14 | b | 116.7 | Jan. 29 | 131.3 | | |
| | | | Feb. 27 | 131.0 | | |
| 1927 | | | Mar. 29 | 131.0 | | |
| | | | May 30 | 130.9 | | |
| Dec. 28 | b | 119.0 | June 30 | 132.3 | | |
| | | | July 30 | 132.8 | | |

a Measurement from W.P. Rowe.

b Measurement from Division of Water Resources.

Measurements from Riverside County Water Users Association except as noted.

PRECIPITATION RECORDS

PRECIPITATION RECORDS FOR SEASON 1932-33.

| <u>Station</u> | <u>Map Index</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|------------------|------------------------------------|------------------------------|
| 185 | O-6 | 8.95 | L.A. Co. F.C.D. |
| 212 | N-7 | 13.13 | L.A. Co. F.C.D. |
| 230 | N-7 | 10.45 | L.A. Co. F.C.D. |
| 327 | P-9 | 7.20 | U.S.W.B. (San Pedro) |
| 331 | N-9 | 10.92 | L.A. Co. F.C.D. |
| 403 | O-10 | 10.22 | L.A. Co. F.C.D. |
| 403A | O-10 | 9.40 | L.A. Co. F.C.D. |
| 413 | O-10 | 9.56 | U.S.W.B. (Long Beach) |
| 452 | N-11 | 8.63 | L.A. Co. F.C.D. |
| 453 | O-11 | 7.44* | L.A. Co. F.C.D. |
| 485 | O-12 | 7.47 | O. Co. F.C.D. |
| 578 | P-14 | 9.71* | O. Co. F.C.D. |
| 587 | P-14 | 8.80 | O. Co. F.C.D. |
| 715 | M-7 | 8.27 | L.A. Co. F.C.D. |
| 754 | M-8 | 10.34 | L.A. Co. F.C.D. |
| 794 | M-8 | 10.53* | L.A. Co. F.C.D. |
| 864 | M-10 | 9.43 | L.A. Co. F.C.D. |
| 972 | L-12 | 8.41* | L.A. Co. F.C.D. |
| 985 | M-12 | 9.01 | L.A. Co. F.C.D. |
| 1014 | M-12 | 9.54* | L.A. Co. F.C.D. |
| 1030 | L-13 | 9.82 | L.A. Co. F.C.D. |
| 1081 | L-14 | 10.21 | L.A. Co. F.C.D. |
| 1099 | N-14 | 9.29* | O. Co. F.C.D. |
| 1103 | L-14 | 9.19 | O. Co. F.C.D. |
| 1137 | M-15 | 9.05* | O. Co. F.C.D. |
| 1166 | M-15 | 8.98 | O. Co. F.C.D. |
| 1186A | M-16 | 9.03* | O. Co. F.C.D. |
| 1187 | M-16 | 9.12 | O. Co. F.C.D. |
| 1199 | N-16 | 10.04 | O. Co. F.C.D. |
| 1241 | I-5 | 11.93 | L.A. Co. F.C.D. |
| 1288 | K-6 | 10.48 | L.A. Co. F.C.D. |
| 1343 | J-7 | 9.62 | L.A. Co. F.C.D. |
| 1395 | J-8 | 9.89* | L.A. Co. F.C.D. |
| 1409 | L-9 | 10.11* | L.A. Co. F.C.D. |
| 1444 | J-9 | 10.26 | L.A. Co. F.C.D. |
| 1475 | K-10 | 10.94* | L.A. Co. F.C.D. |
| 1479 | K-10 | 10.26 | L.A. Co. F.C.D. |
| 1482 | J-10 | 10.84 | L.A. Co. F.C.D. |
| 1502 | J-10 | 11.10 | L.A. Co. F.C.D. |
| 1546 | K-11 | 10.31 | L.A. Co. F.C.D. |
| 1552 | J-11 | 10.27 | L.A. Co. F.C.D. |
| 1565 | K-12 | 10.18* | L.A. Co. F.C.D. |
| 1593 | J-12 | 10.40 | L.A. Co. F.C.D. |
| 1604 | J-12 | 9.75 | L.A. Co. F.C.D. |
| 1651 | J-13 | 10.29 | L.A. Co. F.C.D. |
| 1661 | J-13 | 9.96 | L.A. Co. F.C.D. |
| 1664 | J-13 | 9.83 | L.A. Co. F.C.D. |

*Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1932-33

| <u>Station</u> | <u>Map Index</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|----------------------|------------------------------------|------------------------------|
| 1700 | I-14 | 11.95 | L.A. Co. F.C.D. |
| 1706 | K-14 | 10.23 | L.A. Co. F.C.D. |
| 1721 | J-14 | 12.15* | L.A. Co. F.C.D. |
| 1750 | I-15 | 11.70 | L.A. Co. F.C.D. |
| 1757 | K-15 | 10.11 | O. Co. F.C.D. |
| 1774 | J-15 | 11.54 | L.A. Co. F.C.D. |
| 1853 | J-17 | 11.64 | L.A. Co. F.C.D. |
| 1862 | J-17 | 12.13* | O. Co. F.C.D. |
| 1901 | I-18 | 13.42* | O. Co. F.C.D. |
| 1906 | K-18 | 10.65 | O. Co. F.C.D. |
| 1933 | J-19 | 10.64* | O. Co. F.C.D. |
| 2401 | G-3 | 18.49 | L. A. Co. F.C.D. |
| 2443 | H-3 | 16.28* | L.A. Co. F.C.D. |
| 2445 | H-3 | 10.40 | L.A. Co. F.C.D. |
| 2502 | H-5 | 16.82* | L.A. Co. F.C.D. |
| 2503 | H-5 | 13.54* | L.A. Co. F.C.D. |
| 2508A | I-5 | 11.71* | U.S.W.B. (Santa Monica) |
| 2511 | G-5 | 12.98 | L.A. Co. F.C.D. |
| 2544 | H-5 | 13.61 | L.A. Co. F.C.D. |
| 2551 | G-6 | 15.46 | L.A. Co. F.C.D. |
| 2555 | H-5 | 13.80 | L.A. Co. F.C.D. |
| 2592 | H-6 | 12.88 | L.A. Co. F.C.D. |
| 2597 | I-6 | 12.54 | L.A. Co. F.C.D. |
| 2607 | I-7 | 11.57* | L.A. Co. F.C.D. |
| 2637 | I-7 | 10.98 | L.A. Co. F.C.D. |
| 2643 | H-7 | 12.35* | L.A. Co. F.C.D. |
| 2686 | H-8 | 10.58 | L.A. Co. F.C.D. |
| 2689 | I-8 | 9.01* | L.A. Co. F.C.D. |
| 2754 | H-9 | 12.01* | L.A. Co. F.C.D. |
| 2755 | H-9 | 11.88 | U.S.W.B. (Los Angeles) |
| 2870 | G-12 | 15.69 | L.A. Co. F.C.D. |
| 2875 | H-12 | 10.79 | L.A. Co. F.C.D. |
| 2888 | I-12 | 10.79 | L.A. Co. F.C.D. |
| 2915 | H-12 | 12.69* | L.A. Co. F.C.D. |
| 2928 | I-13 | 10.16 | L.A. Co. F.C.D. |
| 2962 | G-13 | 11.92 | L.A. Co. F.C.D. |
| 3004 | H-14 | 11.83 | L.A. Co. F.C.D. |
| 3009 | I-14 | 12.55 | L.A. Co. F.C.D. |
| 3041 | G-15 | 10.87 | L.A. Co. F.C.D. |
| 3053 | H-15 | 11.21* | L.A. Co. F.C.D. |
| 3079 | I-15 | 12.34* | L.A. Co. F.C.D. |
| 3094 | H-16 | 10.57* | L.A. Co. F.C.D. |
| 3111 | G-16 | 11.61 | L.A. Co. F.C.D. |
| 3111A | G-16 | 11.35* | L.A. Co. F.C.D. |
| 3121 | G-16 | 11.40 | L.A. Co. F.C.D. |
| 3123 | H-16 | 10.57 | L.A. Co. F.C.D. |
| 3129 | I-16 | 11.42 | L.A. Co. F.C.D. |

*Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1932-33.

| <u>Station</u> | <u>Map Index</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|----------------------|------------------------------------|------------------------------|
| 3149A | I-17 | 11.88 | L.A. Co. F.C.D. |
| 3155 | H-17 | 12.10 | L.A. Co. F.C.D. |
| 3160 | G-17 | 12.48* | L.A. Co. F.C.D. |
| 3190 | G-18 | 10.39 | L.A. Co. F.C.D. |
| 3223 | H-18 | 11.36 | U.S.W.B. (Pomona) |
| 3244 | H-19 | 10.88 | L.A. Co. F.C.D. |
| 3256 | I-19 | 10.54 | L.A. Co. F.C.D. |
| 3280 | G-19 | 11.72 | L.A. Co. F.C.D. |
| 3290 | G-20 | 12.00 | U.S.W.B. (Claremont) |
| 3554 | F-2 | 12.97* | L.A. Co. F.C.D. |
| 3593 | E-2 | 13.97 | L.A. Co. F.C.D. |
| 3596 | F-3 | 16.60 | L.A. Co. F.C.D. |
| 3602 | E-3 | 10.85* | L.A. Co. F.C.D. |
| 3618 | G-3 | 19.37 | L.A. Co. F.C.D. |
| **3673 | F-4 | 13.46 | L.A. Co. F.C.D. |
| 3685 | F-4 | 12.64 | L.A. Co. F.C.D. |
| 3687 | F-4 | 17.53 | L.A. Co. F.C.D. |
| 3706 | F-5 | 16.52 | L.A. Co. F.C.D. |
| 3742 | E-5 | 13.37 | U.S.W.B. (Van Nuys) |
| 3749 | G-5 | 17.26 | L.A. Co. F.C.D. |
| 3786 | F-6 | 15.87 | L.A. Co. F.C.D. |
| 3788 | G-6 | 15.83 | L.A. Co. F.C.D. |
| 3810 | E-7 | 11.32 | L.A. Co. F.C.D. |
| 3834 | F-7 | 15.41 | L.A. Co. F.C.D. |
| 3868 | F-8 | 12.11 | L.A. Co. F.C.D. |
| 3891 | E-8 | 11.87 | L.A. Co. F.C.D. |
| 3894 | F-8 | 15.44 | L.A. Co. F.C.D. |
| 3897 | F-8 | 11.84 | L.A. Co. F.C.D. |
| 3906 | F-8 | 11.41 | L.A. Co. F.C.D. |
| 3907 | F-8 | 13.19 | L.A. Co. F.C.D. |
| 3917 | G-9 | 11.84 | L.A. Co. F.C.D. |
| 3921 | E-9 | 15.33 | L.A. Co. F.C.D. |
| 3921B | E-9 | 15.21 | L.A. Co. F.C.D. |
| 3934 | F-9 | 13.69 | L.A. Co. F.C.D. |
| 3939 | G-9 | 10.80* | L.A. Co. F.C.D. |
| 3943 | E-9 | 12.44 | L.A. Co. F.C.D. |
| 3993 | E-10 | 17.65 | L.A. Co. F.C.D. |
| 4001 | E-10 | 17.04 | L.A. Co. F.C.D. |
| 4010 | E-10 | 17.36 | L.A. Co. F.C.D. |
| 4023 | E-11 | 17.19 | L.A. Co. F.C.D. |
| 4048 | G-11 | 13.67 | L.A. Co. F.C.D. |
| 4050 | E-11 | 16.64 | L.A. Co. F.C.D. |
| 4061 | E-11 | 16.58 | L.A. Co. F.C.D. |
| 4073 | F-12 | 16.44 | U.S.W.B. (Pasadena) |
| 4076 | F-12 | 14.59* | L.A. Co. F.C.D. |
| 4079 | G-12 | 14.31 | L.A. Co. F.C.D. |
| 4092 | E-12 | 17.93 | Walter Allen |

*Partially estimated by comparison with nearby stations

**Incorrectly shown on map as 3763.

PRECIPITATION RECORDS FOR SEASON 1932-33

| <u>Station</u> | <u>Map Index</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|------------------|--------------------------------|------------------------------------|
| 4099 | G-12 | 14.14* | Division of Water Resources |
| 4109 | G-12 | 12.89 | L.A. Co. F.C.D. |
| 4110 | E-12 | 21.07 | L.A. Co. F.C.D. |
| 4111 | E-12 | 19.52 | L.A. Co. F.C.D. |
| 4135 | F-13 | 13.66 | L.A. Co. F.C.D. |
| 4137 | F-13 | 13.90* | L.A. Co. F.C.D. |
| 4142 | E-13 | 17.90 | L.A. Co. F.C.D. |
| 4142A | E-13 | 19.00 | L.A. Co. F.C.D. |
| 4152 | E-13 | 17.39 | L.A. Co. F.C.D. |
| 4153 | E-13 | 17.56 | L.A. Co. F.C.D. |
| 4154 | F-13 | 15.65* | L.A. Co. F.C.D. |
| 4163 | F-13 | 15.19 | L.A. Co. F.C.D. |
| 4164 | F-13 | 15.20 | L.A. Co. F.C.D. |
| 4171 | E-14 | 17.04* | L.A. Co. F.C.D. |
| 4171A | E-14 | 17.20 | L.A. Co. F.C.D. |
| 4180 | E-14 | 18.36* | L.A. Co. F.C.D. |
| 4194A | F-14 | 14.32* | L.A. Co. F.C.D. |
| 4195B | F-14 | 13.51 | L.A. Co. F.C.D. |
| 4203 | E-14 | 15.44 | U.S.W.B. (Monrovia Canyon) |
| 4211 | E-14 | 18.76* | L.A. Co. F.C.D. |
| 4212 | E-14 | 16.56* | L.A. Co. F.C.D. |
| 4230 | E-15 | 22.04 | L.A. Co. F.C.D. |
| 4231 | E-15 | 17.22 | L.A. Co. F.C.D. |
| 4273 | E-15 | 17.01 | L.A. Co. F.C.D. |
| 4293 | E-16 | 14.01 | L.A. Co. F.C.D. |
| 4294 | F-16 | 14.55 | U.S.W.B. (San Gabriel Power House) |
| 4296 | F-16 | 12.94 | L.A. Co. F.C.D. |
| 4296A | F-16 | 12.48 | L.A. Co. F.C.D. |
| 4306 | F-16 | 12.67 | L.A. Co. F.C.D. |
| 4309 | G-16 | 10.91 | L.A. Co. F.C.D. |
| 4336 | F-17 | 12.33* | L.A. Co. F.C.D. |
| 4346 | F-17 | 12.45* | L.A. Co. F.C.D. |
| 4354 | F-17 | 13.73 | L.A. Co. F.C.D. |
| 4383 | E-18 | 15.02 | L.A. Co. F.C.D. |
| 4399 | G-18 | 11.97 | L.A. Co. F.C.D. |
| 4399A | G-18 | 11.69 | L.A. Co. F.C.D. |
| 4407 | F-18 | 12.04 | L.A. Co. F.C.D. |
| 4407A | G-18 | 11.55* | L.A. Co. F.C.D. |
| 4407B | F-18 | 11.48 | L.A. Co. F.C.D. |
| 4408 | G-18 | 12.45 | L.A. Co. F.C.D. |
| 4424 | F-18 | 13.23* | L.A. Co. F.C.D. |
| 4433 | E-18 | 14.76* | L.A. Co. F.C.D. |
| 4439 | G-18 | 11.52 | L.A. Co. F.C.D. |
| 4444 | F-19 | 14.13 | L.A. Co. F.C.D. |
| 4452 | E-19 | 15.88 | L.A. Co. F.C.D. |
| 4457 | F-19 | 12.33 | L.A. Co. F.C.D. |

*Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1932-33.

| <u>Station</u> | <u>Map Index</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|----------------------|------------------------------------|--------------------------------|
| 4487 | F-19 | 13.15 | L.A. Co. F.C.D. |
| 4487A | G-19 | 14.51* | L.A. Co. F.C.D. |
| 4505 | F-20 | 14.54 | L.A. Co. F.C.D. |
| 4517 | G-20 | 12.84 | L.A. Co. F.C.D. |
| 4522 | E-20 | 17.49 | Southern Calif. Edison Co.Ltd. |
| 4545 | F-21 | 14.71 | J.R. Johnston |
| 4566 | F-21 | 14.40 | Liberty Groves |
| 4583 | F-21 | 14.99 | Lewis and King |
| 4595 | F-22 | 13.58 | Mr. Parsons |
| 4658 | D-2 | 10.95 | L.A. Co. F.C.D. |
| 4680 | B-2 | 12.93* | L.A. Co. F.C.D. |
| 4687 | D-2 | 10.97 | L.A. Co. F.C.D. |
| 4694 | C-2 | 10.72 | L.A. Co. F.C.D. |
| 4747 | D-4 | 10.71 | L.A. Co. F.C.D. |
| 4782 | C-4 | 11.85 | L.A. Co. F.C.D. |
| 4832 | C-5 | 13.19 | L.A. Co. F.C.D. |
| 4837 | D-5 | 11.64 | L.A. Co. F.C.D. |
| 4864 | C-6 | 12.53* | L.A. Co. F.C.D. |
| 4894 | C-6 | 12.76 | L.A. Co. F.C.D. |
| 4922 | C-7 | 13.70* | L.A. Co. F.C.D. |
| 4934 | C-7 | 12.14 | L.A. Co. F.C.D. |
| 4946 | D-7 | 12.36 | L.A. Co. F.C.D. |
| 5019 | E-9 | 15.98* | L.A. Co. F.C.D. |
| 5033 | C-9 | 20.94* | L.A. Co. F.C.D. |
| 5065 | D-10 | 22.26 | U.S.W.B. (La Crescenta) |
| 5067 | D-9 | 18.06 | L.A. Co. F.C.D. |
| 5087 | D-10 | 18.28* | L.A. Co. F.C.D. |
| 5097 | D-10 | 20.45 | L.A. Co. F.C.D. |
| 5101 | C-10 | 25.24 | L.A. Co. F.C.D. |
| 5109 | E-10 | 19.50 | L.A. Co. F.C.D. |
| 5115 | D-11 | 24.14* | L.A. Co. F.C.D. |
| 5127 | D-11 | 18.55 | U.S.W.B. (Arroyo Seco) |
| 5132 | C-11 | 27.04* | L.A. Co. F.C.D. |
| 5144 | C-11 | 24.03* | L.A. Co. F.C.D. |
| 5204 | C-12 | 29.52 | L.A. Co. F.C.D. |
| 5208 | D-12 | 26.50 | L.A. Co. F.C.D. |
| 5247 | D-13 | 24.28 | U.S.W.B. (Mount Wilson) |
| 5267 | D-13 | 22.88 | L.A. Co. F.C.D. |
| 5269 | D-13 | 33.38 | L.A. Co. F.C.D. |
| 5385 | D-16 | 28.31 | L.A. Co. F.C.D. |
| 5413 | C-16 | 25.15 | L.A. Co. F.C.D. |
| 5435 | D-17 | 21.23* | L.A. Co. F.C.D. |
| 5446 | D-17 | 21.44 | L.A. Co. F.C.D. |
| 5448 | D-17 | 18.52 | L.A. Co. F.C.D. |
| 5457 | D-17 | 18.20 | L.A. Co. F.C.D. |

*Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1932-33

| <u>Station</u> | <u>Map Index</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|------------------|--------------------------------|-------------------------------|
| 5460 | B-17 | 17.04 | L.A. Co. F.C.D. |
| 5549 | D-19 | 16.78* | L.A. Co. F.C.D. |
| 5628 | D-20 | 21.03 | U.S.W.B. (San Antonio Canyon) |
| 5646 | D-21 | 20.44* | L.A. Co. F.C.D. |
| 5696 | D-22 | 29.01 | U.S.W.B. (Kelly's Camp) |
| 5861 | A-4 | 16.03 | L.A. Co. F.C.D. |
| 5872 | A-4 | 16.21 | L.A. Co. F.C.D. |
| 5922 | A-5 | 18.32 | L.A. Co. F.C.D. |
| 5928 | B-5 | 12.60 | L.A. Co. F.C.D. |
| 5988 | B-6 | 15.37 | L.A. Co. F.C.D. |
| 2999 | B-6 | 14.42* | L.A. Co. F.C.D. |
| 6005 | B-7 | 15.48 | L.A. Co. F.C.D. |
| 6045 | A-7 | 18.24 | L.A. Co. F.C.D. |
| 6067 | B-8 | 16.39* | L.A. Co. F.C.D. |
| 6249 | B-11 | 17.35 | L.A. Co. F.C.D. |
| 6289 | B-12 | 16.65 | L.A. Co. F.C.D. |
| 6355 | A-13 | 13.51 | L.A. Co. F.C.D. |
| 6558 | B-17 | 24.12 | L.A. Co. F.C.D. |
| 6558A | B-17 | 22.70 | L.A. Co. F.C.D. |
| 6569 | B-17 | 22.09 | L.A. Co. F.C.D. |
| 6670 | A-19 | 15.58 | L.A. Co. F.C.D. |
| 6681 | A-19 | 15.49 | L.A. Co. F.C.D. |
| 6702 | A-20 | 14.29 | L.A. Co. F.C.D. |
| 6702A | A-20 | 12.00 | L.A. Co. F.C.D. |
| 6705 | A-20 | 12.52 | L.A. Co. F.C.D. |
| 6711 | A-20 | 6.66 | L.A. Co. F.C.D. |
| 6712 | A-20 | 10.87 | L.A. Co. F.C.D. |
| 7017 | A-3 | 8.68 | L.A. Co. F.C.D. |
| 13193 | Q-14 | 9.72 | O. Co. F.C.D. |
| 13201 | P-14 | 9.36 | O. Co. F.C.D. |
| 13266 | Q-15 | 9.55* | O. Co. F.C.D. |
| 13309 | R-16 | 10.06 | O. Co. F.C.D. |
| 13329 | R-16 | 8.80 | O. Co. F.C.D. |
| 13363 | Q-17 | 9.33 | O. Co. F.C.D. |
| 13402 | Q-18 | 9.78 | O. Co. F.C.D. |
| 13406 | R-18 | 8.37 | O. Co. F.C.D. |
| 13432 | Q-19 | 10.04 | O. Co. F.C.D. |
| 13480 | P-19 | 11.34 | O. Co. F.C.D. |
| 13484 | Q-19 | 11.55 | O. Co. F.C.D. |
| 13499 | R-20 | 10.65 | O. Co. F.C.D. |
| 13633 | Q-22 | 13.90 | O. Co. F.C.D. |
| 13645 | R-22 | 14.10 | O. Co. F.C.D. |
| 13802 | Q-26 | 14.07* | Edwin M. Sherman |
| 13864 | Q-27 | 9.33 | U.S.W.B. (Elsinore) |
| 14173 | R-17 | 10.38 | O. Co. F.C.D. |
| 14344 | R-20 | 12.37 | O. Co. F.C.D. |
| 14373 | R-21 | 11.93* | O. Co. F.C.D. |

* Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1932-33.

| <u>Station</u> | <u>Map Index</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|----------------------|------------------------------------|----------------------------------|
| 14408 | P-14 | 7.60* | O. Co. F.C.D. |
| 14439 | P-15 | 9.35 | O. Co. F.C.D. |
| 14451 | N-15 | 9.43 | O. Co. F.C.D. |
| 14452 | O-15 | 8.93* | O. Co. F.C.D. |
| 14535 | O-17 | 9.68 | O. Co. F.C.D. |
| 14541 | N-17 | 11.62 | O. Co. F.C.D. |
| 14549 | P-17 | 9.15 | O. Co. F.C.D. |
| 14552 | O-17 | 10.04 | O. Co. F.C.D. |
| 14568 | P-17 | 8.69 | O. Co. F.C.D. |
| 14575 | O-17 | 9.54 | O. Co. F.C.D. |
| 14582 | N-18 | 9.50* | O. Co. F.C.D. |
| 14586 | O-17 | 9.84* | O. Co. F.C.D. |
| 14617 | P-18 | 10.64 | U.S.W.B. (Tustin) |
| 14632 | N-18 | 9.46 | O. Co. F.C.D. |
| 14649 | P-19 | 9.13 | O. Co. F.C.D. |
| 14671 | N-19 | 13.43 | O. Co. F.C.D. |
| 14673 | O-19 | 13.19 | O. Co. F.C.D. |
| 14757 | P-21 | 16.53* | O. Co. F.C.D. |
| 14765 | O-21 | 15.99 | O. Co. F.C.D. |
| 14835 | O-22 | 19.67 | O. Co. F.C.D. |
| 14902 | N-24 | 13.26 | Temescal Water Co. |
| 15420 | N-34 | 9.94 | U.S.W.B. (San Jacinto) |
| 15602 | L-16 | 10.08 | O. Co. F.C.D. |
| 15614 | L-16 | 9.67 | O. Co. F.C.D. |
| 15623 | L-16 | 10.19 | O. Co. F.C.D. |
| 15656 | M-17 | 10.41 | O. Co. F.C.D. |
| 15679 | N-17 | 10.73 | O. Co. F.C.D. |
| 15681 | L-18 | 9.77 | U.S.W.B. (Yorba Linda) |
| 15733 | L-18 | 9.49* | O. Co. F.C.D. |
| 15841 | L-20 | 10.04 | O. Co. F.C.D. |
| 15903 | L-22 | 9.80 | Corona Foothill Lemon Co. |
| 15925 | M-22 | 11.42 | Corona Foothill Lemon Co. |
| 15926 | M-22 | 12.80 | Corona Foothill Lemon Co. |
| 15932 | L-22 | 8.25 | Temescal Water Co. |
| 15933 | L-22 | 9.29 | U.S.W.B. (Corona) |
| 15955 | M-23 | 8.99 | American Fruit Growers Assn. |
| 15965 | M-23 | 9.03 | Corona Foothill Lemon Co. |
| 16050 | L-25 | 8.81* | San Jacinto Land Co. |
| 16147 | M-26 | 9.71* | H. J. Smith |
| 16240 | L-28 | 6.97 | U. S. Army Air Corps |
| 16710 | I-20 | 10.16 | Southern Calif. Edison Co.Ltd. |
| 16801 | J-22 | 8.48* | John Imbach |
| 16845 | K-22 | 7.87 | Orange Heights Water Co. |
| 17023 | J-26 | 8.65 | U.S.W.B. (Riverside.) |
| 17032 | J-26 | 9.12 | Riverside Press |
| 17062 | J-27 | 8.79 | Riverside Citrus Experiment Sta. |
| 17417 | K-34 | 15.36 | U.S.W.B. (Beaumont) |

*Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1932-33

| <u>Station</u> | <u>Map Index</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|----------------------|------------------------------------|----------------------------------|
| 17421 | J-34 | 17.77 | U.S.W.B. (Beaumont, near) |
| 17608 | I-20 | 10.13 | American Beet Sugar Co. |
| 17610 | G-20 | 13.24 | R. V. Ward |
| 17613 | H-20 | 10.94 | West Ontario Citrus Assn. |
| 17617 | I-20 | 10.31 | C. C. Delphey |
| 17630 | G-20 | 13.22 | Mr. Jordan |
| 17642 | G-21 | 10.23* | Chaffey Union High School |
| 17653 | H-21 | 10.78 | Southern Pacific Company |
| 17674 | H-21 | 9.46 | Braundale Acres |
| 17703 | H-22 | 10.94* | Guasti Wine Co. |
| 17860 | G-25 | 11.21 | Fontana Farms Co. |
| 17973 | H-27 | 9.86 | Southern Pacific Co. |
| 17973A | H-27 | 9.79 | Colton Police Department |
| 17984 | H-27 | 9.19 | Southern Calif. Edison Co., Ltd. |
| 18114 | H-30 | 11.97 | U.S.W.B. (Redlands) |
| 18125 | H-30 | 12.07 | D.S.C. Anderson |
| 18163 | H-31 | 12.01 | Crafton Orange Growers Assn. |
| 18194 | H-31 | 14.49 | F. B. King |
| 18260 | G-32 | 16.01 | U.S.W.B. (Mill Creek No. 2) |
| 18351 | G-34 | 19.07 | Southern Calif. Edison Co., Ltd. |
| 18507 | F-22 | 13.29 | Alta Loma Heights Citrus Assn. |
| 18514 | F-22 | 14.54 | Victor Cherbak |
| 18586 | F-23 | 14.95 | W. F. Barnes |
| 18679 | G-25 | 12.06 | U.S.W.B. (Fontana) |
| 18704 | F-26 | 13.15 | Southern Calif. Edison Co., Ltd. |
| 18739 | G-26 | 11.17 | H. M. Boyd |
| 18826 | F-28 | 13.16 | U.S.W.B. (San Bernardino) |
| 18831 | E-28 | 16.18 | Arrowhead Springs Hotel |
| 18886 | F-29 | 13.23 | Mrs. E. E. Corwin |
| 18906 | F-29 | 12.05 | Thomas A. Ewing |
| 18928 | G-30 | 13.32 | Gold Buckle Association |
| 18937 | G-30 | 14.03 | East Highland Orange Co. |
| 18999 | G-31 | 16.10 | Southern Calif. Edison Co., Ltd. |
| 19045 | F-32 | 17.73 | U.S.W.B. (Santa Ana River) |
| 19161 | E-35 | 16.01 | U.S.W.B. (Seven Oaks) |
| 19406 | D-24 | 30.56 | Southern Calif. Edison Co., Ltd. |
| 19449 | E-25 | 21.98 | Fontana Union Water Company |
| 19459 | E-25 | 20.30 | Southern Calif. Edison Co., Ltd. |
| 19496 | D-25 | 20.93* | U.S.W.B. (Devore) |
| 19578 | D-27 | 21.46 | U.S. Forest Service Exper. Sta. |
| 19586 | D-27 | 18.31* | U.S. Forest Service Exper. Sta. |
| 19656 | D-28 | 27.49 | U.S.W.B. (Squirrel Inn) |
| 19723 | C-30 | 32.09* | Lake Arrowhead Company |
| 19799 | F-31 | 32.22 | J. R. Brown |
| 19915 | D-34 | 22.12 | Bear Valley Water Company |
| 19945 | D-34 | 19.95 | W. L. Rideout |
| 19985 | D-35 | 16.34 | Jack Preston |
| 24412 | R-24 | 13.26* | O. Co. F.C.D. |

*Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1931-32.

| <u>Station</u> | <u>Map Index</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|----------------------|------------------------------------|--------------------------------|
| 403A | O-10 | 14.74 | L.A. Co. F.C.D. |
| 452 | N-11 | 14.01 | L.A. Co. F.C.D. |
| 453 | O-11 | 12.36 | L.A. Co. F.C.D. |
| 1444 | J-9 | 14.17* | L.A. Co. F.C.D. |
| 1552 | J-11 | 14.10* | L.A. Co. F.C.D. |
| 1604 | J-12 | 14.28* | L.A. Co. F.C.D. |
| 2503 | H-5 | 21.47* | L.A. Co. F.C.D. |
| 2875 | H-12 | 16.81* | L.A. Co. F.C.D. |
| 3129 | I-16 | 21.07 | L.A. Co. F.C.D. |
| **3149 | I-17 | 20.17* | L.A. Co. F.C.D. |
| 3749 | G-5 | 23.69 | L.A. Co. F.C.D. |
| 3868 | F-8 | 19.66 | L.A. Co. F.C.D. |
| 3939 | G-9 | 16.02 | L.A. Co. F.C.D. |
| 4023 | E-11 | 18.70 | L.A. Co. F.C.D. |
| 4073 | F-12 | 22.35 | U.S.W.B. (Pasadena) |
| 4087 | F-12 | 19.55* | L.A. Co. F.C.D. |
| 4092 | E-12 | 26.38* | L.A. Co. F.C.D. |
| 4433 | F-18 | 32.63 | L.A. Co. F.C.D. |
| 4522 | E-29 | 34.98 | L.A. Co. F.C.D. |
| 4811 | C-5 | 21.84 | L.A. Co. F.C.D. |
| 5097 | D-10 | 29.84 | L.A. Co. F.C.D. |
| 5988 | B-6 | 23.16 | L.A. Co. F.C.D. |
| 6045 | A-7 | 26.63 | L.A. Co. F.C.D. |
| 18529A | G-22 | 22.84 | Mission Winery |
| 19586 | D-27 | 37.57 | U.S. Forest Service Exper.Sta. |

*Partially estimated by comparison with nearby stations.

**Correction to Bulletin No. 39-A.

MISCELLANEOUS PRECIPITATION RECORDS

| <u>Station</u> | <u>Map Index</u> | <u>Season</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|----------------------|---------------|------------------------------------|------------------------------|
| 402 | N-10 | 1925-26 | 9.42 | L.A. Co. F.C.D. |
| | | 1926-27 | 11.40 | L.A. Co. F.C.D. |
| 402A | O-10 | 1927-28 | 12.76 | L.A. Co. F.C.D. |
| 403A | O-10 | 1928-29 | 9.21* | L.A. Co. F.C.D. |
| | | 1929-30 | 11.29 | L.A. Co. F.C.D. |
| | | 1930-31 | 8.80 | L.A. Co. F.C.D. |
| 412 | O-11 | 1925-26 | 8.87 | L.A. Co. F.C.D. |
| | | 1926-27 | 11.85* | L.A. Co. F.C.D. |
| | | 1927-28 | 12.85 | L.A. Co. F.C.D. |
| | | 1928-29 | 8.61 | L.A. Co. F.C.D. |
| 452 | N-11 | 1925-26 | 8.57* | L.A. Co. F.C.D. |
| | | 1926-27 | 11.82 | L.A. Co. F.C.D. |
| | | 1927-28 | 13.47 | L.A. Co. F.C.D. |
| | | 1928-29 | 7.36 | L.A. Co. F.C.D. |
| | | 1929-30 | 10.90 | L.A. Co. F.C.D. |
| | | 1930-31 | 8.42 | L.A. Co. F.C.D. |
| 453 | O-11 | 1925-26 | 8.57 | L.A. Co. F.C.D. |
| | | 1926-27 | 10.45* | L.A. Co. F.C.D. |
| | | 1927-28 | 12.40 | L.A. Co. F.C.D. |
| | | 1928-29 | 6.19 | L.A. Co. F.C.D. |
| | | 1929-30 | 10.56 | L.A. Co. F.C.D. |
| | | 1930-31 | 7.25* | L.A. Co. F.C.D. |
| 914 | M-10 | 1925-26 | 10.35* | L.A. Co. F.C.D. |
| | | 1926-27 | 14.99 | L.A. Co. F.C.D. |
| | | 1928-29 | 9.71 | L.A. Co. F.C.D. |
| | | 1929-30 | 10.29* | L.A. Co. F.C.D. |
| | | 1930-31 | 9.89 | L.A. Co. F.C.D. |
| 914A | M-10 | 1927-28 | 13.00* | L.A. Co. F.C.D. |
| 919 | N-10 | 1925-26 | 9.11 | L.A. Co. F.C.D. |
| | | 1926-27 | 12.34 | L.A. Co. F.C.D. |
| | | 1927-28 | 12.02* | L.A. Co. F.C.D. |
| | | 1928-29 | 9.06* | L.A. Co. F.C.D. |
| | | 1929-30 | 11.32* | L.A. Co. F.C.D. |
| 1604 | J-12 | 1929-30 | 10.78 | L.A. Co. F.C.D. |
| | | 1930-31 | 10.12 | L.A. Co. F.C.D. |
| 3129 | I-16 | 1928-29 | 13.36 | L.A. Co. F.C.D. |
| | | 1929-30 | 15.95 | L.A. Co. F.C.D. |
| | | 1930-31 | 12.89 | L.A. Co. F.C.D. |

* Partially estimated by comparison with nearby stations.

MISCELLANEOUS PRECIPITATION RECORDS

| <u>Station</u> | <u>Map Index</u> | <u>Season</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|----------------------|---------------|------------------------------------|------------------------------|
| 4060 | E-12 | 1927-28 | 15.21 | L.A. Co. F.C.D. |
| 4294 | F-16 | 1900-01 | 22.90* | L.A. Co. F.C.D. |
| | | 1901-02 | 14.22 | L.A. Co. F.C.D. |
| | | 1902-03 | 27.19 | L.A. Co. F.C.D. |
| | | 1903-04 | 11.98 | L.A. Co. F.C.D. |
| | | 1904-05 | 27.36 | L.A. Co. F.C.D. |
| 5448 | D-17 | 1904-05 | 31.58* | L.A. Co. F.C.D. |
| | | 1905-06 | 38.68 | L.A. Co. F.C.D. |
| | | 1906-07 | 37.03 | L.A. Co. F.C.D. |
| | | 1907-08 | 22.88 | L.A. Co. F.C.D. |
| | | 1908-09 | 38.53 | L.A. Co. F.C.D. |
| | | 1909-10 | 20.13 | L.A. Co. F.C.D. |
| | | 1910-11 | 38.44* | L.A. Co. F.C.D. |
| | | 1911-12 | 21.90 | L.A. Co. F.C.D. |
| | | 1912-13 | 20.94 | L.A. Co. F.C.D. |
| 5628 | D-20 | 1900-01 | 32.20* | L.A. Co. F.C.D. |
| | | 1901-02 | 19.75 | L.A. Co. F.C.D. |
| | | 1902-03 | 31.20 | L.A. Co. F.C.D. |
| | | 1903-04 | 18.39 | L.A. Co. F.C.D. |
| | | 1904-05 | 33.95 | L.A. Co. F.C.D. |
| | | 1905-06 | 38.02 | L.A. Co. F.C.D. |
| | | 1906-07 | 39.88 | L.A. Co. F.C.D. |
| | | 1907-08 | 23.90 | L.A. Co. F.C.D. |
| | | 1908-09 | 36.07 | L.A. Co. F.C.D. |
| | | 1909-10 | 26.88 | L.A. Co. F.C.D. |
| | | 1910-11 | 40.86 | L.A. Co. F.C.D. |
| | | 1911-12 | 25.95 | L.A. Co. F.C.D. |
| | | 1912-13 | 15.91 | L.A. Co. F.C.D. |
| | | 1913-14 | 48.12 | L.A. Co. F.C.D. |
| | | 1914-15 | 34.11 | L.A. Co. F.C.D. |
| | | 1915-16 | 38.13* | L.A. Co. F.C.D. |
| | | 1916-17 | 31.31* | |
| 6289A | B-12 | 1897-98 | 9.21* | L.A. Co. F.C.D. |
| | | 1898-99 | 8.07 | L.A. Co. F.C.D. |
| | | 1899-00 | 14.14 | L.A. Co. F.C.D. |
| | | 1900-01 | 32.75 | L.A. Co. F.C.D. |
| | | 1901-02 | 21.22* | L.A. Co. F.C.D. |
| | | 1902-03 | 39.95 | L.A. Co. F.C.D. |
| | | 1903-04 | 17.76 | L.A. Co. F.C.D. |
| | | 1904-05 | 41.06 | L.A. Co. F.C.D. |
| | | 1905-06 | 42.81 | L.A. Co. F.C.D. |
| | | 1906-07 | 47.52 | L.A. Co. F.C.D. |
| | | 1907-08 | 25.98 | L.A. Co. F.C.D. |

*Partially estimated by comparison with nearby stations.

MISCELLANEOUS PRECIPITATION RECORDS

| <u>Station</u> | <u>Map Index</u> | <u>Season</u> | <u>Precipitation in inches</u> | <u>Source of Information</u> |
|----------------|----------------------|---------------|------------------------------------|------------------------------|
| 6289A | B-12 | 1908-09 | 36.30 | L.A. Co. F.C.D. |
| cont. | | 1909-10 | 28.30 | L.A. Co. F.C.D. |
| | | 1910-11 | 44.89 | L.A. Co. F.C.D. |
| | | 1911-12 | 30.68* | L.A. Co. F.C.D. |
| | | 1912-13 | 24.86 | L.A. Co. F.C.D. |
| | | 1913-14 | 58.92 | L.A. Co. F.C.D. |
| | | 1914-15 | 34.10* | L.A. Co. F.C.D. |
| | | 1915-16 | 42.27 | L.A. Co. F.C.D. |
| | | 1916-17 | 25.28 | L.A. Co. F.C.D. |
| | | 1917-18 | 34.59 | L.A. Co. F.C.D. |
| | | 1918-19 | 21.20* | L.A. Co. F.C.D. |
| | | 1919-20 | 38.25 | L.A. Co. F.C.D. |
| | | 1920-21 | 36.85* | L.A. Co. F.C.D. |
| | | 1921-22 | 61.75 | L.A. Co. F.C.D. |
| | | 1922-23 | 31.95* | L.A. Co. F.C.D. |
| | | 1923-24 | 20.75 | L.A. Co. F.C.D. |
| 19586 | D-27 | 1929-30 | 22.58** | U.S. Forest Service |
| | | 1930-31 | 27.19* | Experiment Station |

* Partially estimated by comparison with nearby stations.

** Correction to Bulletin No. 39-A.

Abbreviations used in "Sources of Information" column:

L.A. Co. F.C.D. Los Angeles County Flood Control District
 O. Co. F.C.D. Orange County Flood Control District
 U.S.W.B. United States Weather Bureau

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ERRATA

BULLETINS NO. 39 AND NO. 39-A

- - - - -

Bulletin No. 39-A
South Coastal Basin Investigation
Records of Ground Water Levels at Wells and
Seasonal Precipitation Records

ERRATA SHEET
Corrections are Underlined

Well Measurements

C-581c-G-18 Measurements for Apr. 16, Sep. 29 and Dec. 4, 1932, are pumping measurements.

C-1230-P-17 Beginning April 22, 1932, ref. pt. is top of casing, south side, at cut, 0.5 feet above ground. Elev. 54.2.

D-757a-I-19 (a) Ref. pt.---Top of concrete pipe, 1 foot above ground. Elev. 759.0.

D-1037-G-23 Omit measurement. Air line out of order.

D-1177a-F-25 Jan. 10, 1933, df - 461.5.

E-36-F-28 Jan. 1, 1933 - 80.0.

E-85-G-27 Omit all measurements. They are on nearby well.

E-106d-H-29 Aug. and Nov. measurements from U.S.G.S.

E-109-G-29 Add 3.0 feet to all measurements.

E-149i-K-22 Omit Feb., Mar. and April measurements. They are on nearby well.

E-274c-I-22 Jan. 14, 1933 - 74.6.

E-282f-L-22 Measurements from Corona Foothill Lemon Co.

Page 77 Note at bottom of page should read: Measurements from P. E. Hicks except as noted.

Precipitation Records

3149 1931-32 - 20.17*

4073 Figures should be under 4075.

4075 Figures should be under 4073.

4152A Add the following seasons: 1922-23 - 17.88; 1923-24 - 10.04; 1924-25 - 13.34. Figures from 1888-89 to 1924-25, inclusive, are for the season from Oct. 1 to Sep. 30.

19586 1929-30 - 22.58.

Bulletin No. 39
South Coastal Basin Investigation
Records of Ground Water Levels at Wells

ERRATA SHEET NO. 2
Corrections are Underlined

- A-4-B-6 Elevation of reference point - 1421.3, from levels by owner.
- A-60-E-3 Reference point - Floor, 0.3 feet below ground, to and including Mar. 25, 1929; then, base of pump at ground.
Elevation of reference point - 790.7, to and including Mar. 25, 1929; then, 791, from U.S.G.S. topog. by D.W.R.
- A-72-E-5 Reference point - Top of casing, 0.4 feet above ground, to and including Dec. 5, 1930; then, base of pump, 0.7 feet above ground. Elevation of reference point - 733, to and including Dec. 5, 1930; then, 733.3, from U.S.G.S. topog. by L.A. Co. F.C.D.
- B-21a-H-10 May 21, 1931 - 100.9.
- B-60c-I-19 B-60c-I-9.
- C-278-F-15 Elevation of reference point - 634.5, to and including Sep. 19, 1930; then, 635.2, from levels by L.A. Co. F.C.D.
- C-282b-F-15 Nov. 1, 1929 - a 242.4.
- C-322-F-16 Elevation of reference point - 694.6, from levels by L.A. Co. F.C.D.
- C-323-F-16 Elevation of reference point - 693.3, from levels by L.A. Co. F.C.D.
- C-325-F-16 Elevation of reference point - 681.1, from levels by L.A. Co. F.C.D.
- C-328-F-16 Elevation of reference point - 671.2, to and including Jan. 5, 1931; then, 671.4, from levels by L.A. Co. F.C.D.
- C-333-F-16 Elevation of reference point - 647.9, to and including Oct. 16, 1928; then, 644.9, from levels by L.A. Co. F.C.D.
- C-335-G-16 1931 - May 11 - 272.1, Oct. 19 - 277.6, Dec. 21 - 273.5;
1932 - Jan. 4 - 262.9.
- C-343-H-16 Elevation of reference point - 477.6, to and including Oct. 31, 1929; then 477.9, from levels by D.W.R.
- C-603-G-19 Omit all measurements. Air line out of order.

Bulletin No. 39
South Coastal Basin Investigation
Records of Ground Water Levels at Wells

ERRATA SHEET NO. 2, Continued

- C-712-J-16 Elevation of reference point - 480.5, from U.S.G.S. topog. by D.W.R.
- C-713-I-16 Elevation of reference point - 405, from U.S.G.S. topog. by D.W.R.
- C-853-K-16 Location and description - 635 feet north of Santa Gertrudes Road. Other numbers used - L.A. Co. F.C.D. No. 1628.
- C-877d-L-11 Jan. 20, 1932 - 6.3.
- C-902b-L-11 Elevation of reference point - 57.7, to and including Nov. 11, 1931; then, 57.5, from U.S.G.S. topog. by L.A. Co. F.C.D.
- C-908e-M-12 Location and description - 0.25 miles west of Pioneer Blvd.
- C-910b-O-13 Elevation of reference point - (a) 8.5; (b) 8.1; (c) 87, from levels by O. Co. F.C.D.
- C-910d-O-12 Elevation of reference point - 36, from U.S.G.S. topog. by D.W.R.
- C-911-O-13 Reference point - Top of three-way elbow, 0.2 feet above ground, to and including, etc. Elevation of reference point - 12.2, to and including May 3, 1928; then, 12.0, from levels by O. Co. F.C.D., from local B.M.
- C-912-O-13 Elevation of reference point - 32.8, to and including Dec. 22, 1928; then, 33.2, from U.S.G.S. topog. by O. Co. F.C.D.
- C-912e-O-13 Omit Log Available. Elevation of reference point - 17.6, from levels by O. Co. F.C.D.
- C-974g-L-16 Elevation of reference point - 218.5, from U.S.G.S. topog. by O. Co. F.C.D.
- C-992e-P-13 Elevation of reference point - 14.9, from levels by O. Co. F.C.D. from local B.M.
- C-998-P-14 Reference point - 1.3 feet above concrete base and 2.7 feet above ground.
- C-1105a-N-17 Reference point - Hole in pump base, 4.0 feet below concrete floor and ground, to and including July 30, 1929; then, top of concrete floor at ground. Elevation of reference point - 246.7, to and including July 30, 1929; then, 250.7, from levels by O. Co. F.C.D. from local B.M.

Bulletin No. 39
South Coastal Basin Investigation
Records of Ground Water Levels at Wells

ERRATA SHEET NO. 2, Continued

- C-1153b-O-12 C-1153b-O-15.
- C-1217a-Q-19 Elevation of reference point - 278 from U.S.G.S. topog. by D.W.R.
- C-1244-Q-16 Owner - Newport Heights Irrigation District. Location and description - 100 feet northwest of Santa Ana Avenue extended, 100 feet northeast of Palisades Road. Other numbers used - Location No. 13313.
- C-1253-P-15 Omit measurements after Dec. 1, 1928. They are on well C-1253b.
- D-716-G-21 Location and description - In Upland.
- D-757a-I-19 Elevation of reference point - 759.2, to and including June 6, 1931; then, 758.7 from levels by D.W.R.
- D-918d-J-22 Feb. 5, 1932 - 25.9.
- D-929-J-23 Feb. 5, 1932 - 42.7.
- D-957-I-14 Elevation of reference point - 734.5, from levels by D.W.R.
- D-1029-H-23 Owner - Nando Miglietta (Formerly Mrs. M. L. Spardley). Depth of well - 280 feet.
- D-1037-G-23 Omit measurements after May 15, 1931. Owner states that air line is out of order.
- D-1052-H-24 Measurements from Fontana Union Water Co. should have 20 feet added to them.
- D-1053-H-24 Omit measurements from Sept. 15, 1926, to Mar. 30, 1931, inclusive. Length of air line unknown.
- E-68g-I-26 Jan. 13, 1932 - 12.1.
- E-85-G-27 Owner - C. H. Tilden (Formerly Ralphs). Location and description - 75 feet north of Mill Street, 0.17 miles east of Mt. Vernon Avenue. Reference point - Top of blocks over casing, 0.4 feet above ground. Elevation of reference point - 1054.1 from levels by S.B.W.D. Depth of well - Omit. Diameter of casing - 4 inches. Other numbers used - S.B.W.D. No. 141, omit W.S.P. 142, No. 289, San Bernardino.
- E-101-G-28 Jan. 5, 1932 - 17.1.

Bulletin No. 39
South Coastal Basin Investigation
Records of Ground Water Levels at Wells

ERRATA SHEET NO. 2, Continued

E-109-G-29 Location and description - 50 feet south of Santa Ana River.

E-193b-K-26 Depth of well - 245 feet.

E-267-L-21 Owner - Excelsior Ranch Co. Ltd.

E-270-L-21 Depth of well - 164 feet.

E-275-L-22 April 1, 1932 - 110.8 pumping.

E-276-L-22 Measurements on June 1, Aug. 1, Nov. 1, 1931, and April 16, 1932, are pumping measurements.

E-282c-L-22 Reference point - Top of casing, 1.7 feet above ground, to and including June 6, 1926; then, 3/4 inch hole in top of pump base, 2.5 feet below ground. Elevation of reference point - 635.7, to and including June 6, 1926; then, 631.5, from levels by G. K. Sanborn. Measurements on the following dates are pumping measurements:

| | | | |
|---------|---------|---------|--------|
| 1924 | 1926 | 1928 | 1930 |
| Dec. 1 | Jan. 23 | Apr. 16 | July 1 |
| | Mar. 9 | July 16 | Sep. 1 |
| 1925 | Apr. 3 | Sep. 1 | Nov. 1 |
| Jan. 5 | June 6 | | |
| Feb. 2 | July 4 | 1929 | 1931 |
| Apr. 1 | Sep. 8 | May 1 | Apr. 1 |
| May 1 | Oct. 23 | July 16 | June 1 |
| June 1 | | Sep. 1 | Aug. 1 |
| Aug. 12 | 1927 | Nov. 1 | Sep. 1 |
| Sep. 2 | May 9 | Dec. 16 | Nov. 1 |
| Oct. 1 | July 10 | | |
| Nov. 1 | Sep. 12 | | |
| Dec. 1 | Oct. 4 | | |

E-286c-L-23 Depth of well - 78 feet.

Bulletin No. 39
South Coastal Basin Investigation
Records of Ground Water Levels at Wells

ERRATA SHEET FOR BULLETIN NO. 39 MAPS

Map No. 2

Well Number

- *B-12-H-7 Move 1700 feet north.
C-213p-H-13 Move to east side of street.

Map No. 3

- B-124m-M-10 Change number to B-124h-M-10.
C-912a-N-13 Move 1000 feet north and 800 feet east, 25 feet west of street.
C-927h-N-13 Omit. Same as C-1007f-N-13.
C-940d-N-12 Change to C-940e-N-12 and move 1300 feet west.
C-1085j-L-17 Moved from Map No. 5.
C-1088-L-17 Move 1200 feet east.

Map No. 4

- C-912u-O-14 Move 4700 feet south and 1200 feet east.
C-985g-N-14 Move 2900 feet south.
C-1157a-N-15 Move 2.6 miles east.
*C-1244-Q-16 Move 1900 feet northwest.
C-1244a-Q-16 Move 1200 feet northwest.

Map No. 5

- C-1085j-L-17 Move 5000 feet west. Now on Map No. 3.
C-1105-N-17 Omit. Same as C-1105a-N-17.

Map No. 6

- C-330-F-16 and 331-F-16 Reverse numbers. 330-F-16 is north well.

Map No. 7

- E-124e-H-30 Move 1300 feet west.

* Ground water levels published in Bulletin No. 39.

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